989/v.300

SUMMARY of CORRECTIONS

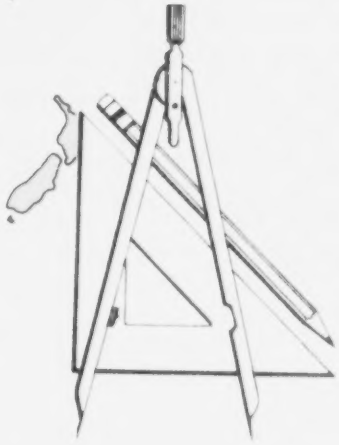
CHARTS

JUNE 1989—VOLUME 3

EASTERN PACIFIC, ANTARCTICA, INDIAN OCEAN AND AUSTRALASIA

(SUBREGIONS 16 THRU 19,21, 22 AND 29. REGIONS 6 AND 7)

CORRECTIONS FROM N.M. NO. 27 (5 JULY 1975)
THROUGH N.M. NO. 25 (24 JUNE 1989)



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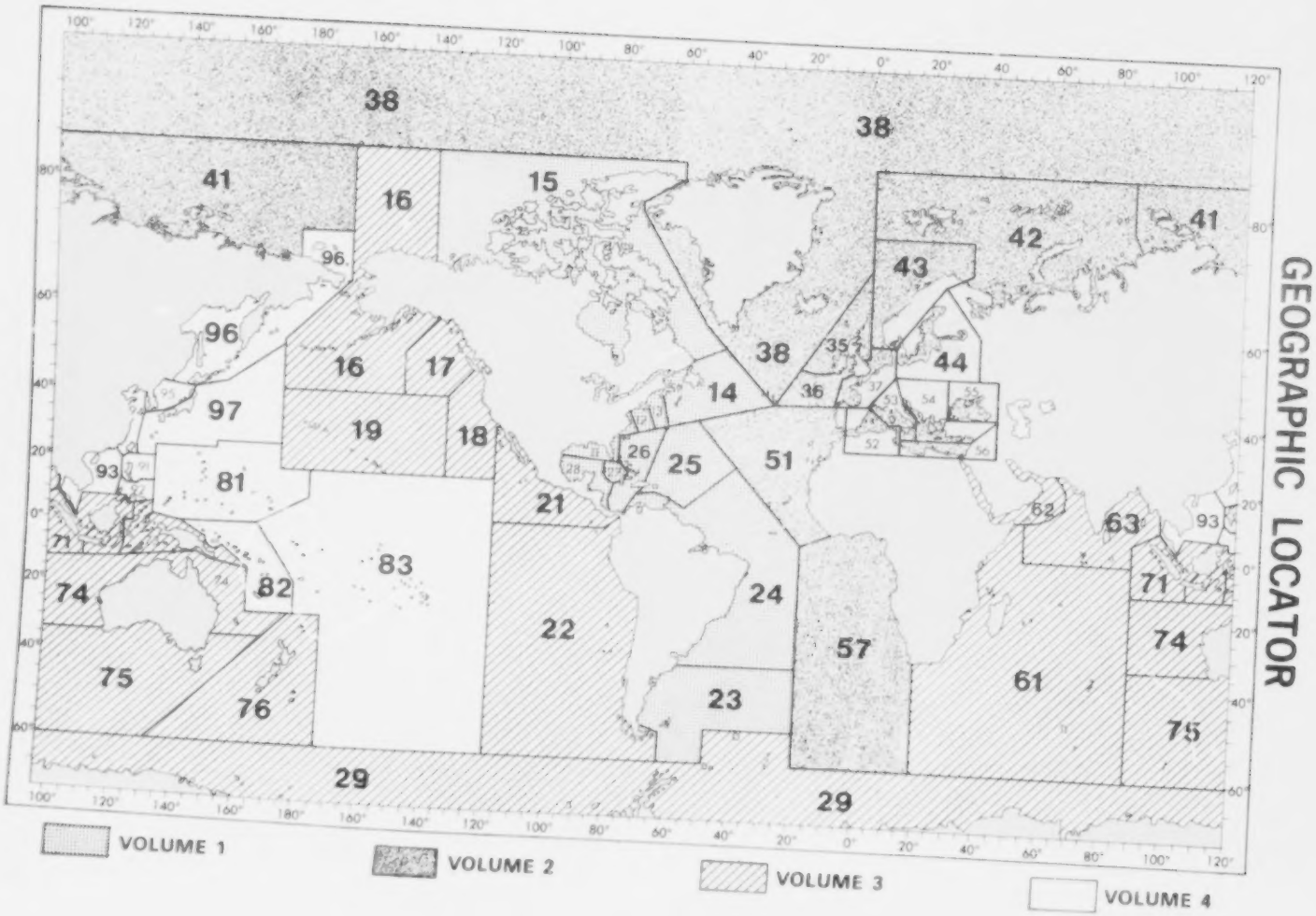
GEOGRAPHIC LOCATOR
VOLUME 1
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VOLUME 3
VOLUME 4

Summary of Corrections Vol. 3

This Volume contains corrections for charts published in Notice to Mariners Nos. 27 (5 July 1975) through 25 (24 June 1989) for the Eastern Pacific, Antarctica, Indian Ocean and Australasia (Subregions 16 thru 19, 21, 22 and 29, Regions 6 and 7). Corrections issued prior to the edition date of a chart are not included. Charts listed as canceled in a previous Volume are not repeated. New editions are correct as of the date of the Notice to Mariners they are announced in, providing any additional corrective information contained in that Notice is applied. Chart corrections are arranged in numerical ascending sequence.

Paste-on corrections such as chartlets, depth tabulations, and chart notes will be found in the back of the publication arranged by chart number in numerical ascending sequence. In cases where paste-on corrections supersede previously issued items, only the latest effective item will be included.

The Notice to Mariners must still be referred to for corrections subsequent to the date of this Volume.

The Summary of Corrections is divided into five volumes, each published semi-annually. Four of these volumes are regional in coverage. The fifth volume contains corrections for the world and ocean basin charts, U.S. Coast Pilots and Sailing Directions for the world.

Volume 1—East Coast of North and South America (Subregions 11 thru 15 and 23 thru 28).

Volume 2—Eastern Atlantic and Arctic Oceans, including the Mediterranean Sea (Regions 3, 4 and 5).

Volume 3—Eastern Pacific, Antarctica, Indian Ocean and Australasia (Subregions 16 thru 19, 21, 22 and 29, Regions 6 and 7).

Volume 4—Western Pacific (Regions 8 and 9).

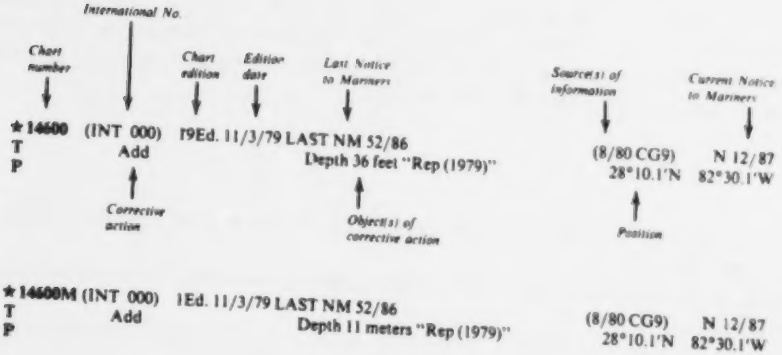
Volume 5—World and Ocean Basin Charts, U.S. Coast Pilots, Sailing Directions, Fleet Guides and miscellaneous publications.

(This Volume supersedes previous Vol. 3 summaries.)

EXPLANATION OF FORMAT

Chart corrections are arranged according to chart number and sequence of issue. Since each correction pertains to a single chart, the action specified applies to that particular chart only. Related charts, if any, are listed separately.

The following examples explain the individual elements of a typical correction:



A chart number preceded by (a) a star (★) indicates correction based upon original U.S. source information (when more than one chart is affected, only the prime chart—usually of the largest scale—is starred); (b) the letter (T) indicates all corrective information is temporary in nature; (c) the letter (P) indicates all corrective information is preliminary in nature.

The letter (M) immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter (M) is not a part of the chart number.

The letter (N) preceding the current Notice to Mariners number indicates a Distribution Limited (Not For Sale) chart (or publication) that is usually for U.S. Navy, government-owned or -chartered ships' use only.

Courses and bearings are given in degrees clockwise from 000° true. Bearings of light sectors are toward the light.

The visibility (range) of lights is usually the distance at which the light can be seen in clear weather. It is expressed either in nautical miles (M, occasionally NM) or in statute miles (St M). The nominal range is given for lights maintained by the U.S. Coast Guard. Visibilities (ranges) for non-U.S. lights are commonly values received from foreign sources.

★16003	14Ed. 2/5/83	NEW EDITION	(NOS) 14/83
16003	14Ed. 2/5/83 LAST NM 14/83		(1(29)81 Taunton; US RA) 18/83
	Delete	R Bn from light	66°09'N 169°48'W
	Add	R Bn 297.5 kHz •–•• –•–• at light	65°49'N 169°02'W
16003	14Ed. 2/5/83 LAST NM 18/83		(7/84 CG17) 11/84
	Add	Danger circle "Obstr" (PA)	70°47.9'N 151°53.3'W
16003	14Ed. 2/5/83 LAST NM 11/84		(NVS7205/84) 16/84
	Delete	R Bns	66°34'N 171°09'W
			66°58'N 171°55'W
			67°07'N 173°36'W
			67°29'N 174°38'W
			67°51'N 175°54'W
			68°20'N 177°40'W
		(PA)	70°58'N 178°32'W
	Add	Note "NOTE Radio navigational aids on the Russian Arctic coast and adjacent islands north of the Arctic Circle, from Novaya Zemlya east to the Bering Strait, have been omitted due to the lack of reliable information."	67°00'N 137°00'W
16003	14Ed. 2/5/83 LAST NM 16/84		(22/84 CG17) 26/84
	Add	Light 2 FR 108ft (Priv maintd)	70°24.8'N 148°31.7'W
16003	14Ed. 2/5/83 LAST NM 26/84		(19, 24/84 CG17) 28/84
	Add	Platforms (artificial island)	70°23'44.1"N 148°13'29.6"W
			70°20'45.0"N 148°01'09.3"W
			70°29'30.0"N 147°58'56.0"W
			70°19'00.1"N 147°51'46.7"W
		(lighted)	70°13'04.1"N 147°20'44.0"W
		(lighted)	70°40'59.3"N 150°55'10.2"W
		(lighted)	70°29'30.7"N 148°41'33.8"W
		(lighted)	70°22'17.9"N 148°03'08.2"W
		(lighted)	70°21'25.3"N 147°57'25.4"W
		(lighted)	70°16'46.0"N 147°29'42.8"W
16003	14Ed. 2/5/83 LAST NM 28/84		(25/84 CG17) 30/84
	Change	Height of light to 35 feet	66°15.8'N 166°05.0'W
16003	14Ed. 2/5/83 LAST NM 30/84		(30/84 CG17) 35/84
	Delete	Light	66°44'N 162°29'W
★16003	14Ed. 2/5/83 LAST NM 35/84		(41/84 CG17) 52/84
	Change	Characteristic of Racons to –•	70°29'N 147°58'W
		–•–	70°52'N 153°55'W
		–	70°55'N 157°37'W
		–•	69°44'N 163°00'W
16003	14Ed. 2/5/83 LAST NM 52/84		(50/84 CG17) 3/85
	Delete	Danger circle "Obstr" (PA) (Supersedes 11/84-16003)	70°47.9'N 151°53.3'W
16003	14Ed. 2/5/83 LAST NM 3/85		(40/84 CG17) 4/85
	Add	Light (AERO) Rot WG (PA)	68°21.0'N 166°47.2'W
16003	14Ed. 2/5/83 LAST NM 4/85		(CL103, 291/85) 19/85
	Add	Obstruction "3 Fms rep (1985)"	70°47'57.0"N 151°53'18.4"W
		Platform (artificial island) with legend "SANDPIPER"	70°35'04.7"N 149°05'48.8"W
★16003	14Ed. 2/5/83 LAST NM 19/85		(20/85 CG17) 24/85
	Add	Platforms, each (artificial island)	
		(unlighted)	70°22'03.7"N 148°11'39.4"W
		(lighted)	70°23'11.1"N 147°53'29.2"W
		(lighted under constr)	70°31'30.0"N 148°51'30.0"W
		(lighted under constr)	70°19'19.6"N 147°51'45.3"W
16003	14Ed. 2/5/83 LAST NM 24/85		(26/85 CG17) 33/85
	Delete	Light	68°20'42"N 166°49'42"W
★16003	14Ed. 2/5/83 LAST NM 33/85		(26/86 CG17) 32/86
	Delete	Light	67°07.4'N 163°47.0'W

★16003 14Ed. 2/5/83 LAST NM 32/86
Add — Depth 6½ fathoms enclosed by danger circle "Rep (1986)" — (CL1054/86) 50/86
Depth 7½ fathoms enclosed by danger circle "Rep (1986)" — 71°59.7'N 161°55.1'W
72°02.1'N 161°52.9'W

16003 14Ed. 2/5/83 LAST NM 50/86
Change — Height of light to 200ft — (26/87 CG17) 37/87

16003 14Ed. 2/5/83 LAST NM 37/87
Delete — Racon — 66°06'N 162°45'W

16003 14Ed. 2/5/83 LAST NM 17/88
Add — Depth 9¾ fathoms enclosed by danger circle — (10/88 CG17) 17/88
70°29.9'N 149°53.1'W
(CL344/89; BP137260-61) 23/89

★16004 9Ed. 9/27/86 — NEW EDITION — 66°26.1'N 167°55.9'W

16004 9Ed. 9/27/86 LAST NM 51/86
Delete — Racon — (NOS) 51/86

16004 9Ed. 9/27/86 LAST NM 17/88
Add — Legend "5ft rep 1988 (PA)" — (10/88 CG17) 17/88
70°29.9'N 149°53.1'W

★16005 7Ed. 6/28/80 — NEW EDITION — (CL996/88) 4/89
70°11.8'N 146°15.3'W

16005 7Ed. 6/28/80 LAST NM 40/80
Relocate — Light (68°20.6'N 166°40.0'W) to (PA) — (NOS) 40/80

16005 7Ed. 6/28/80 LAST NM 31/81
Change — Legend to "(PA) (ED)" — (25/81 CG17) 31/81
68°20.7'N 166°49.7'W

16005 7Ed. 6/28/80 LAST NM 36/81
Delete — R Bn from light — (NVS6477/81) 36/81
65°41'N 169°03'W

Add — R Bn at light — (USSR CH 1085) 12/83
66°09'N 169°48'W

16005 7Ed. 6/28/80 LAST NM 12/83
Add — Characteristic •—••• —•—• and frequency 297.5 kHz to R Bn (See 12/83-16005) — 65°49'N 169°02'W
(US RA) 18/83

★16005 7Ed. 6/28/80 LAST NM 18/83
Change — Height of light to 35 feet — 65°49'N 169°02'W

★16005 7Ed. 6/28/80 LAST NM 30/84
Delete — Light — (25/84 CG17) 30/84
66°15.8'N 166°04.0'W

16005 7Ed. 6/28/80 LAST NM 35/84
Add — Light (AERO) Rot WG (PA) — (30/84 CG17) 35/84
66°44.0'N 162°29.5'W

16005 7Ed. 6/28/80 LAST NM 4/85
Delete — Light — (40/84 CG17) 4/85
68°21.0'N 166°47.2'W

16005 7Ed. 6/28/80 LAST NM 33/85
Delete — Light — (26/85 CG17) 33/85
68°20'42"N 166°49'42"W

16005 7Ed. 6/28/80 LAST NM 32/86
Add — Depth 7½ fathoms enclosed by danger circle "Rep (1986)" — (26/86 CG17) 32/86
67°07.4'N 163°47.0'W
Depth 6½ fathoms enclosed by danger circle "Rep (1986)" — (CL1054, 1253/86) 50/86
72°02.1'N 161°52.9'W

★16005 7Ed. 6/28/80 LAST NM 50/86
Change — Height of light to 200ft — 71°59.7'N 161°55.1'W

★16005 7Ed. 6/28/80 LAST NM 37/87
Delete — Visibility (range) from light and legend "(July 15 to Nov 1)" — (26/87 CG17) 37/87
66°06'N 162°45'W

★16005 7Ed. 6/28/80 LAST NM 44/87
Add — Depth 9¾ fathoms enclosed by danger circle — (36/87 CG17) 44/87
66°15.3'N 166°04.0'W
(CL344/89; BP137260-61) 23/89

★16006 29Ed. 8/23/86 — NEW EDITION — 66°26.1'N 167°55.9'W

(NOS) 47/86

16006	29Ed. 8/23/86 LAST NM 47/86		(CL1151/86) 50/86
	Add	Depth 9 fathoms enclosed by danger circle "Rep (1986)" (PA)	53°56.3'N 166°11.2'W
16006	29Ed. 8/23/86 LAST NM 50/86		(29/87 CG17; BA LL; USSR LL) 36/87
	Delete	Lights	64°37'N 172°20'W 64°46'N 172°04'W 64°10'N 169°48'W
	Change	Visibility (range) of light to 14M	66°01'N 169°43'W
	Add	Depths 2 fathoms 2 fathoms	58°51'N 160°09'W 58°47'N 159°50'W
16006	29Ed. 8/23/86 LAST NM 36/87		(CL673/87) 38/87
	Add	Depth 4½ fathoms	58°24'N 160°12'W
16006	29Ed. 8/23/86 LAST NM 38/87		(27/87 CG17) 39/87
	Delete	Light	64°20'N 162°48'W
16006	29Ed. 8/23/86 LAST NM 39/87		(FED REG 12/2/86) 40/87
	Add	"SAFETY FAIRWAY 166.400 (see note A)" area bound by purple line joining	54°26.0'N 165°42.4'W 54°22.8'N 165°06.9'W 54°42.5'N 165°16.3'W
		joining	54°43.5'N 165°09.7'W 54°22.2'N 164°59.5'W 54°08.0'N 162°19.4'W
		between	54°22.0'N 165°43.6'W 54°04.0'N 162°20.6'W
16006	29Ed. 8/23/86 LAST NM 40/87		(BA LL; USSR LL) 42/87
	Delete	Light (See 36/87-16006)	66°10'N 169°48'W
16006	29Ed. 8/23/86 LAST NM 42/87		(41/87 CG17) 48/87
	Change	Characteristic of lights to Fl G 6s Fl 6s	58°43.0'N 157°04.0'W 58°52.0'N 157°12.0'W
16006	29Ed. 8/23/86 LAST NM 48/87		(41/87CG17) 52/87
	Change	Characteristic of light to Fl 6s (See 48/87-16006)	58°52.0'N 157°00.0'W
16006	29Ed. 8/23/86 LAST NM 52/87		(MCNM8063/88) 10/88
	Delete	Depth 8¼ fathoms	63°57'N 171°41'W
16006	29Ed. 8/23/86 LAST NM 10/88		(CL79/88) 25/88
	Add	Depth 36 fathoms "Rep (1988)"	56°40.2'N 156°42.3'W
16006	29Ed. 8/23/86 LAST NM 25/88		(24/88 CG17) 30/88
	Delete	Light	54°48'N 162°43'W
16006	29Ed. 8/23/86 LAST NM 30/88		(MCNM8158/88) 45/88
	Add	Depth 30 fathoms	54°18.8'N 164°37.5'W
16006	29Ed. 8/23/86 LAST NM 45/88		(8/89 CG17) 12/89
	Delete	Lights	58°24.4'N 157°31.5'W 58°43.4'N 157°02.8'W 58°14.2'N 157°29.0'W
★**16006**	29Ed. 8/23/86 LAST NM 12/89		(19/89 CG17) 23/89
	Add	(And Inset St. Matthew Island) Rock awash "Rep (1989)" (PA)	60°24.1'N 172°25.9'W
★**16011**	31Ed. 6/29/85	NEW EDITION	(NOS) 38/85
	Delete	Light (Previously published 35/85)	54°00.5'N 166°22.9'W
★**16011**	31Ed. 6/29/85 LAST NM 38/85		(19, 23/86 CG17) 27/86
	Delete	Designation "4" from light	56°02.9'N 161°06.0'W
	Substitute	Depth 4½ fathoms for 5½ fathoms	58°24.0'N 160°05.0'W
	Change	Characteristic of buoys "1" to Fl G "2" to Fl R	58°15.5'N 157°42.0'W 58°33.9'N 158°25.0'W

16011 31Ed. 6/29/85 LAST NM 27/86
Add — Depth 2 fathoms — (MCNM7785/86) 30/

★16011 31Ed. 6/29/85 LAST NM 30/86
Delete — Buoys "2" (undesignated) — 58°29.6'N 160°13.3'
Add — Buoy "BB", red and white stripes, ball topmark, Mo(A) BELL — (26, 27/86 CG17) 32/8 56°02.1'N 161°04.3'W 55°06.2'N 163°28.0'W

16011 31Ed. 6/29/85 LAST NM 32/86
Add — Depth 9 fathoms enclosed by danger circle "Rep (1986)" (PA) — 55°06.2'N 163°28.5'W (CL1151/86) 50/8

16011 31Ed. 6/29/85 LAST NM 50/86
Add — "SAFETY FAIRWAY 166.400 (see note A)" area bound by purple line joining — 53°56'18"N 166°11'12"W (FED REG 12/2/86) 4/87

54°25'58"N 165°42'24"W
joining
54°22'50"N 165°06'54"W
54°42'28"N 165°16'19"W

54°43'32"N 165°09'41"W
joining
54°22'10"N 164°59'29"W
54°07'58"N 162°19'25"W

54°22'02"N 165°43'36"W
between
54°04'02"N 162°20'35"W

16011 31Ed. 6/29/85 LAST NM 4/87
Add — Depths 2 fathoms — (29/87 CG17) 36/87
2 fathoms — 58°51.4'N 160°08.8'W
58°47.0'N 159°49.7'W

16011 31Ed. 6/29/85 LAST NM 36/87
Change — Legend to "DANGER AREA 334.1280 (see note A)" — (FED REG 10/22/85) 40/87

16011 31Ed. 6/29/85 LAST NM 40/87
Change — Characteristic of lights to Fl G 6s — 57°55.0'N 159°30.0'W
Fl 6s — (41/87 CG17; MCNM8008/87) 48/87 58°43.4'N 157°02.8'W 58°50.1'N 156°59.5'W

Add — Depths 1.9 fathoms — 58°51.6'N 160°36.6'W
2.8 fathoms — 58°51.7'N 160°33.7'W
3.3 fathoms — 58°52.5'N 160°30.0'W
1.4 fathoms — 58°47.9'N 160°39.2'W
1.2 fathoms — 58°48.4'N 160°56.1'W
2.6 fathoms — 58°45.7'N 160°59.8'W

16011 31Ed. 6/29/85 LAST NM 48/87
Delete — Depth 2.8 fathoms (See 48/87-16011) — (MCNM8008/87) 6/88 58°51.7'N 160°33.7'W

Substitute — Depths 1¾ fathoms for 1.9 fathoms — 58°51.6'N 160°36.6'W
3¼ fathoms for 3.3 fathoms — 58°52.5'N 160°30.0'W
1¼ fathoms for 1.4 fathoms — 58°47.9'N 160°39.2'W
1¼ fathoms for 1.2 fathoms — 58°48.4'N 160°56.1'W
2½ fathoms for 2.6 fathoms — 58°45.7'N 160°59.8'W
(See 48/87-16011)

16011 31Ed. 6/29/85 LAST NM 6/88
Add — Depth 2¾ fathoms (See 6/88-16011) — (MCNM8008/87) 14/88 58°51.7'N 160°32.6'W

★16011 31Ed. 6/29/85 LAST NM 14/88
Change — Buoys "2" to red nun, BELL — (17/88 CG17) 22/88
"1" to green can, BELL — 58°33.7'N 158°24.2'W
"UR" to red and white stripes, nun, BELL — 58°15.5'N 157°42.0'W

16011 31Ed. 6/29/85 LAST NM 22/88
Add — Stranded wreck (PA) — 57°37.5'N 157°52.3'W

16011 31Ed. 6/29/85 LAST NM 24/88
Add — Depth 36 fathoms "Rep (1988)" — (CL91/88) 24/88 57°13.5'N 170°10.2'W

16011 31Ed. 6/29/85 LAST NM 27/88
Delete — Light — (21/88 CG17) 27/88 56°40.2'N 156°42.3'W

16011 31Ed. 6/29/85 LAST NM 30/88
Delete — Light — (24/88 CG17) 30/88 54°48.1'N 162°43.4'W

(25/88 CG17) 31/88 58°24.5'N 157°31.5'W

(continued on next page)

16011	(Continued)		31/88
	Substitute	Bns "1", green, for light "1"	58°43.4'N 157°02.8'W
		(undesignated), red and white, for light	58°14.2'N 157°29.0'W
16011	31Ed. 6/29/85 LAST	NM 31/88	(MCNM8158/88) 45/88
	Add	Depth 30 fathoms	54°18.8'N 164°37.5'W
★**16011**	31Ed. 6/29/85 LAST	NM 45/88	(MCNM8049/88; 42/88 CG17) 47/88
	Delete	Light "7"	55°54.9'N 160°34.6'W
	Add	Depths 2 fathoms	58°44.5'N 160°22.5'W
		1 fathom	58°44.0'N 160°27.0'W
		1 fathom	58°43.8'N 160°29.0'W
		1½ fathoms	58°45.0'N 160°25.0'W
		5¼ fathoms	58°36.3'N 160°18.8'W
		3 fathoms	58°38.4'N 160°15.2'W
		1¾ fathoms	58°32.2'N 160°23.8'W
★**16011**	31Ed. 6/29/85 LAST	NM 47/88	(46/88 CG17) 53/88
	Delete	BELL from buoys	
		"1"	58°15.5'N 157°42.0'W
		"2"	58°33.7'N 158°24.2'W
		"UR"	57°37.5'N 157°52.3'W
		and change designation to "1"	
		(See 22/88-16011)	
16011	31Ed. 6/29/85 LAST	NM 53/88	(49/88 CG17) 4/89
	Change	Color of buoy "1" to green	57°37.5'N 157°52.3'W
		(See 53/88-16011)	
★**16012**	20Ed. 5/29/82	NEW EDITION	(NOS) 35/82
16012	20Ed. 5/29/82 LAST	NM 35/82	(CL871/82) 37/82
	Delete	Depth 26 fathoms	51°59'N 173°05'W
	Add	Depth 14 fathoms Rk "Rep(1982)"(PA)	51°58'N 173°05'W
16012	20Ed. 5/29/82 LAST	NM 37/82	(BP111338) 10/83
	Substitute	Depth 2½ fathoms for dotted-line circle and legend "Obstr (13 fms or less rep) PA"	52°06.5'N 176°45.0'E
16012	20Ed. 5/29/82 LAST	NM 10/83	(7/84 CG17) 11/84
	Add	R Bn 375 kHz •– – •• –	52°50.1'N 173°11.1'E
16012	20Ed. 5/29/82 LAST	NM 11/84	(FED REG 10/22/85) 40/87
	Change	Legend to "DANGER AREA 334.1290 (see note A)"	52°03.5'N 174°30.0'E
★**16013**	24Ed. 12/8/84	NEW EDITION	(NOS) 8/85
16013	24Ed. 12/8/84 LAST	NM 8/85	(13/85 CG17) 17/85
	Delete	R Bn (AERO)	59°28'N 146°18'W
16013	24Ed. 12/8/84 LAST	NM 17/85	(19/85 CG17; CL386/85) 23/85
	Change	Visibility (range) of light to 13M	59°36.0'N 151°25.0'W
		Characteristic of buoy to Fl(2+1) G	60°04.5'N 152°10.0'W
	Add	Rock awash	57°17'36"N 156°18'24"W
16013	24Ed. 12/8/84 LAST	NM 23/85	(21/85 CG17) 25/85
	Change	Light to Fl 9M	60°21'55"N 145°44'05"W
16013	24Ed. 12/8/84 LAST	NM 25/85	(NVS7457/85) 27/85
	Delete	Recommended track and legend "RECOMMENDED TRACK (see note C)" between	60°13.2'N 146°44.0'W
			59°58.0'N 145°36.0'W
		Note C "This route...Elias."	61°31.0'N 146°45.0'W
★**16013**	24Ed. 12/8/84 LAST	NM 27/85	(27, 28/85 CG17) 32/85
	Change	Light to Fl R 7M	58°02.4'N 153°22.0'W
	Add	Depth 8 fathoms	60°00'43.9"N 145°13'19.8"W

16013 24Ed. 12/8/84 LAST NM 32/85
Add — Purple dashed lines (recommended route) joining — (HNNM7457/85) 34/85

57°28.0'N 142°10.0'W
59°15.0'N 144°03.5'W
59°58.3'N 145°30.6'W
60°13.0'N 146°39.8'W

joining

60°12.2'N 146°41.0'W
59°56.0'N 145°40.0'W
59°15.0'N 144°25.0'W
57°08.0'N 142°10.0'W

between

58°03.0'N 142°10.0'W
59°15.0'N 144°03.5'W

between

59°15.0'N 144°25.0'W
57°46.0'N 142°10.0'W

Purple open-outlined arrows indicating flow of traffic oriented 330.1°

57°50.0'N 142°30.0'W
59°34.0'N 144°35.0'W
60°11.0'N 146°05.0'W
60°02.0'N 146°05.0'W
59°21.0'N 144°40.0'W
57°44.0'N 142°54.0'W
58°25.0'N 142°35.0'W
57°50.0'N 142°30.0'W
314.5°
293.1°
118.0°
137.2°
150.1°
320.2°
141.9°

Note

"NOTE C

US Trans-Alaskan Pipeline System (TAPS) routes are recommended for safe routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."

Legend "See Note C" — 61°31.0'N 146°45.0'W

16013 24Ed. 12/8/84 LAST NM 34/85
Change — Light "1" to Fl G 6M — 60°05.0'N 146°11.0'W

16013 24Ed. 12/8/84 LAST NM 37/85
Change — Light "1" to Fl G 4s 6M — (32/85 CG17) 37/85
59°27.1'N 151°43.1'W

16013 24Ed. 12/8/84 LAST NM 45/85
Add — Depth 6¾ fathoms — (41/85 CG17) 45/85
60°03'19"N 151°39'46"W

★**16013** 24Ed. 12/8/84 LAST NM 49/85
Add — Depth 9¾ fathoms — (CL1066/85) 49/85
57°13'36.4"N 156°20'39.7"W

16013 24Ed. 12/8/84 LAST NM 50/85
Delete — Designation "2" from light — (44/85 CG17) 50/85
57°12.7'N 156°17.7'W

Light — (19, 21, 22/86 CG17) 27/86
59°32.9'N 151°28.0'W
59°36.0'N 151°25.0'W

Change — Light to Fl 4s 6M and delete designation "1" — 60°03'19"N 151°39'46"W

16013 24Ed. 12/8/84 LAST NM 27/86
Delete — Designation "1" from light and change characteristic to Fl 6s — (30/86 CG17) 35/86
59°26.8'N 151°43.9'W

16013 24Ed. 12/8/84 LAST NM 35/86
Change — Characteristic of light to Fl — (32/86 CG17) 37/86
58°02.3'N 153°22.0'W

16013 24Ed. 12/8/84 LAST NM 37/86
Change — Light "1" to Fl G 5M — (37/86 CG17) 42/86
59°06.9'N 151°38.0'W

16013 24Ed. 12/8/84 LAST NM 42/86
Change — Characteristic of light to Q — (39/86 CG17) 43/86
57°50.0'N 152°19.0'W

16013 24Ed. 12/8/84 LAST NM 43/86
Change — Buoy "KE" to black and red bands (topmost band black), can — (48/86 CG17) 52/86

★**16013** 24Ed. 12/8/84 LAST NM 52/86
Add — 58°55.8'N 151°25.9'W
"SAFETY FAIRWAY 166.400 (see note A)" area bound by purple line joining — (FED REG 12/2/86) 4/87

60°13'18"N 146°38'06"W
59°59'00"N 145°27'24"W
59°15'42"N 144°02'07"W

(continued on next page)

★16013	(Continued)		4/87
	Add	joining	60°11'24"N 146°47'00"W
			59°55'00"N 145°42'00"W
			59°14'19"N 144°26'25"W
		between	59°58'00"N 145°32'12"W
			59°14'18"N 144°04'53"W
		between	59°56'00"N 145°37'39"W
			59°15'41"N 144°23'35"W
		Legends "INBOUND"	59°35'30"N 144°43'00"W
		"OUTBOUND"	59°29'00"N 144°52'00"W
16013	24Ed. 12/8/84 LAST	NM 4/87	(51/86 CG17) 7/87
	Change	Characteristic of buoy "1" to Fl G 4s	60°19.3'N 146°00.0'W
16013	24Ed. 12/8/84 LAST	NM 7/87	(13/87 CG17) 19/87
	Delete	Position circle "Tr"	56°32.4'N 154°07.6'W
16013	24Ed. 12/8/84 LAST	NM 19/87	(CL607/87) 34/87
	Add	Danger circle "Obstr (rep 1987)" (PA)	60°29.4'N 151°26.4'W
16013	24Ed. 12/8/84 LAST	NM 34/87	(26/87 CG17) 37/87
	Change	Light to Fl 10s 85ft 15M	59°48'N 144°36'W
16013	24Ed. 12/8/84 LAST	NM 37/87	(FED REG 10/22/85; 31/87 CG17) 41/87
	Delete	Danger circle "Obstr (rep 1987)" (PA) (Supersedes 34/87-16013)	60°29.4'N 151°26.4'W
	Change	Legend to "DANGER ZONE 334.1300 (see note A)"	59°20.6'N 148°20.0'W
	Add	Depth 4 fathoms Rk	60°29.6'N 151°26.2'W
16013	24Ed. 12/8/84 LAST	NM 41/87	(MCNM8024/87) 50/87
	Delete	Purple dashed lines (recommended route) joining	59°15.0'N 144°03.5'W
			59°58.3'N 145°30.6'W
			60°13.0'N 146°39.8'W
		joining	59°15.0'N 144°25.0'W
			59°56.0'N 145°40.0'W
			60°12.2'N 146°41.0'W
		Purple open-outlined arrows	59°34.0'N 144°35.0'W
			60°11.0'N 146°05.0'W
			59°21.0'N 144°40.0'W
			60°02.0'N 146°05.0'W
16013	24Ed. 12/8/84 LAST	NM 50/87	(2/88 CG17) 8/88
	Delete	Light	57°16.7'N 152°42.6'W
16013	24Ed. 12/8/84 LAST	NM 8/88	(NOS) 9/88
	Relocate	Buoy "KE" close SW to	58°55'50"N 151°25'43"W
	Substitute	Depth 4½ fathoms Rk enclosed by danger circle for submerged rock	58°55'46"N 151°25'42"W
16013	24Ed. 12/8/84 LAST	NM 9/88	(MCNM8049/88) 14/88
	Substitute	Depth 4½ fathoms Rk enclosed by danger circle for submerged rock (Cancels 9/88-16013)	58°55.8'N 151°25.7'W
16013	24Ed. 12/8/84 LAST	NM 14/88	(9/88 CG17) 17/88
	Change	Color of buoy "KE" to green and red bands (topmost band green)	58°55.8'N 151°25.7'W
16013	24Ed. 12/8/84 LAST	NM 17/88	(CL79/88) 25/88
	Add	Depth 36 fathoms "Rep (1988)"	56°40.2'N 156°42.3'W
16013	24Ed. 12/8/84 LAST	NM 25/88	(23/88 CG17) 30/88
	Change	Light to Fl 6s 120ft 8M	58°55.0'N 151°57.0'W
16013	24Ed. 12/8/84 LAST	NM 30/88	(25/88 CG17) 31/88
	Delete	Light	57°38.4'N 154°20.9'W
	Change	Color of buoy "3" to green	59°35.5'N 151°26.0'W

16013 24Ed. 12/8/84 LAST NM 31/88
Add — Designation "CI" and legend "(May 1 to Nov 1)" to buoy — (14/88, 18/89 CG17) 22/89

16013 24Ed. 12/8/84 LAST NM 22/89
Delete — Light (AERO) — 60°04.7'N 152°09.7'W

Add — R Bn (AERO) 260 kHz • ••• ••• — (NOS) 23/89 59°27.3'N 146°18.3'W

★16016 18Ed. 3/11/89
Add — NEW EDITION — 59°25.6'N 146°20.5'W

Purple dashed lines (recommended route) joining — (NOS; HNNM7457/85) 19/89

53°57'N 136°04'W
59°15'N 144°03'W
59°33'N 144°40'W

joining

59°23'N 144°40'W
59°15'N 144°25'W
53°37'N 136°47'W

between

53°57'N 138°32'W
59°15'N 144°03'W

between

59°15'N 144°25'W
53°57'N 139°09'W

Note

"NOTE A
US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."

Legends "See Note A" — 60°28'N 132°00'W

Purple open-outlined arrows indicating flow of traffic oriented 320.2° — 56°00'N 139°20'W
56°00'N 140°50'W

320.2° — 54°10'N 136°15'W
320.2° — 56°00'N 138°50'W
314.5° — 58°00'N 141°55'W
137.2° — 59°28'N 144°20'W
141.9° — 59°17'N 144°37'W
141.9° — 56°00'N 139°45'W
330.1° — 54°00'N 137°00'W
330.1° — 54°11'N 138°33'W
150.1° — 56°00'N 140°23'W
150.1° — 58°48'N 144°00'W
150.1° — 56°00'N 141°13'W
54°00'N 139°16'W

★16017 2Ed. 9/13/80
Add — NEW EDITION — Wreck (PA) (Previously published N44/80) — (DMAHTC) N48/80 57°56.7'N 136°39.3'W

16017 2Ed. 9/13/80 LAST NM 48/80
Change — Period of light to 10sec — (19/81 CG17) N24/81 58°11'58"N 136°38'19"W

16017 2Ed. 9/13/80 LAST NM 24/81
Change — Visibility (range) of light to 7M and add designation "2" — (34/82 CG17) N39/82 56°07.2'N 134°15.3'W

Visibility (range) of light to 8M — 56°09.6'N 134°39.5'W

16017 2Ed. 9/13/80 LAST NM 39/82
Change — Characteristic of buoy "2" to Fl R — (40/84 CG17) N44/84 59°31.8'N 139°56.0'W

16017 2Ed. 9/13/80 LAST NM 44/84
Add — Purple dashed lines (recommended route) joining — (HNNM7457/85) N35/85

53°57'N 136°04'W
59°15'N 144°03'W
59°33'N 144°40'W

joining

59°23'N 144°40'W
59°15'N 144°25'W

between

53°57'N 136°47'W
53°57'N 138°32'W
59°15'N 144°03'W

(continued on next page)

16017	(Continued) Add	between	N35/85 59°15'N 144°25'W 53°57'N 139°09'W
		Note "NOTE A US Trans-Alaskan Pipeline System (TAPS) routes are recommended for safe routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."	60°28'N 132°00'W
		Legends "Note A"	56°00'N 139°20'W 56°00'N 140°50'W
		Purple open-outlined arrows indicating flow of traffic oriented 320.2° 320.2° 320.2° 314.5° 137.2° 141.9° 141.9° 330.1° 330.1° 150.1° 150.1° 150.1°	54°10'N 136°15'W 56°00'N 138°50'W 58°00'N 141°55'W 59°28'N 144°20'W 59°17'N 144°37'W 56°00'N 139°45'W 54°00'N 137°00'W 54°11'N 138°33'W 56°00'N 140°23'W 58°48'N 144°00'W 56°00'N 141°13'W 54°00'N 129°16'W
16017	2Ed. 9/13/80 LAST NM 35/85 (Cancel 52/85-16017)		(DMAHTC) N3/86
16017	2Ed. 9/13/80 LAST NM 3/86 Add	Racon at light	(24/86 CG17) N32/86 57°00.0'N 135°32.5'W
16017	2Ed. 9/13/80 LAST NM 32/86 Change	Characteristic of buoy to Fl R	(11/87 CG17) N16/87 58°17.4'N 136°53.3'W
16017	2Ed. 9/13/80 LAST NM 16/87 Change	Fog signal of buoy "2" to HORN	(12/87 CG17) N19/87 59°32'N 139°57'W
16017	2Ed. 9/13/80 LAST NM 19/87 Change	Light to Fl 10s 85ft 15M '	(26/87 CG17) N37/87 59°48'N 144°36'W
16017	2Ed. 9/13/80 LAST NM 37/87 Add	Depth 12 fathoms "Rep (1987)" (PA) enclosed by danger circle	(CL819/87) N44/87 57°35.8'N 136°20.8'W
16017	2Ed. 9/13/80 LAST NM 44/87 Delete	Purple dashed lines (recommended route) between	(FED REG 12/02/86; MCNM8024/87) N50/87 59°33.0'N 144°44.0'W 59°15.0'N 144°03.0'W
		between	59°23.0'N 144°40.0'W 59°15.0'N 144°25.0'W
	Add	Purple solid lines between	59°14.3'N 144°04.9'W 59°31.5'N 144°40.0'W
		between	59°15.7'N 144°02.1'W 59°34.0'N 144°40.0'W
		between	59°15.7'N 144°23.6'W 59°23.5'N 144°26.0'W
		between	59°14.3'N 144°26.4'W 59°21.0'N 144°40.0'W
		Legends "SAFETY FAIRWAY 166.400 (see note A)" "INBOUND" "OUTBOUND"	59°30.0'N 144°00.0'W 59°28.0'N 144°27.0'W 59°19.0'N 144°26.0'W
16017	2Ed. 9/13/80 LAST NM 50/87 Delete	R Bn at light	(20(392)88 Ottawa) N26/88 54°17.2'N 130°53.0'W
16017	2Ed. 9/13/80 LAST NM 26/88 Delete	Depths 10 fathoms 10 fathoms "Obstr"	(MCNM8128/88) N33/88 58°16.6'N 136°59.9'W 59°34.5'N 142°10.5'W

(continued on next page)

16017	(Continued) Delete	Buoy	N33/88 59°32.0′N 142°09.5′W
16017	2Ed. 9/13/80 LAST NM 33/88 Delete	Light	(35/88 CG17) N42/88 59°57.9′N 141°35.0′W
16017	2Ed. 9/13/80 LAST NM 42/88 Add	Superbuoy ODAS, yellow, Fl(5) Y 20s	(3(79)89 Ottawa) N14/89 54°17.4′N 133°24.0′W
★16041	6Ed. 10/12/85	NEW EDITION	(NOS) 52/85
★16042	5Ed. 9/28/85	NEW EDITION	(NOS) 49/85
★16043	6Ed. 10/25/86	NEW EDITION	(NOS) 3/87
★16044	6Ed. 9/15/84	NEW EDITION	(NOS) 47/84
★16045	6Ed. 10/20/84 Substitute	NEW EDITION Depth 43 feet for 3 feet	(NOS) 51/84 70°07′51″N 145°31′30″W
★16045	6Ed. 10/20/84 LAST NM 51/84 Add	Legend "5ft rep 1988 (PA)"	(CL996/88) 4/89 70°11′49″N 146°15′18″W
★16046	5Ed. 3/12/77	NEW EDITION	(NOS) 24/77
★16046	5Ed. 3/12/77 LAST NM 24/77 Add	Danger circle "Obstr rep"	(CL1975/78) 16/79 70°19′46″N 147°40′28″W
16046	5Ed. 3/12/77 LAST NM 16/79 Add	Platforms (artificial island) (lighted) (lighted)	(19/84 CG17) 28/84 70°13′04.1″N 147°20′44.0″W 70°19′27.7″N 147°47′21.1″W 70°16′46.0″N 147°29′42.8″W
★16061	7Ed. 2/25/89	NEW EDITION	(NOS) 19/89
★16062	6Ed. 3/12/83	NEW EDITION	(NOS) 19/83
16062	6Ed. 3/12/83 LAST NM 19/83 Add	Platform (artificial island) with legend "SANDPIPER"	(CL291/85) 19/85 70°35′04.7″N 149°05′48.8″W
★16062	6Ed. 3/12/83 LAST NM 19/85 Add	Platform (artificial island) (lighted)	(21/86 CG17) 27/86 70°31′40.5″N 148°51′23.2″W
★16062	6Ed. 3/12/83 LAST NM 27/86 Delete	Racon	(10/88 CG17) 17/88 70°29′53″N 149°53′08″W
★16063	6Ed. 2/26/83	NEW EDITION	(NOS) 19/83
★16063	6Ed. 2/26/83 LAST NM 19/83 Add	Chartlet, depicting changes in Contiguous Zone limits, from back of Section I	(NOS) 41/83
16063	6Ed. 2/26/83 LAST NM 41/83 Add	Platform (artificial island) (lighted)	70°41.6′N 151°03.9′W (19/84 CG17) 28/84 70°40′59.3″N 150°55′10.2″W
★16063	6Ed. 2/26/83 LAST NM 28/84 Substitute	Obstruction "Aband ruins" for platform (artificial island) (lighted)	(40/87 CG17) 48/87 70°40′59″N 150°55′10″W
★16064	5Ed. 4/23/83	NEW EDITION	(NOS) 26/83

★16064	5Ed. 4/23/83 LAST NM 26/83		(NOS) 41/83
	Add	Chartlets depicting changes in Contiguous Zone and Territoral Sea limits, from back of Section I	
		(A)	70°41.6′N 151°07.6′W
		(B)	70°41.6′N 151°16.3′W
		(C)	70°32.0′N 151°26.5′W
		(D)	70°35.0′N 151°30.3′W
★16065	5Ed. 2/26/83	NEW EDITION	(NOS) 19/83
★16065	5Ed. 2/26/83 LAST NM 19/83		(NOS) 41/83
	Add	Chartlets, depicting changes in Contiguous Zone limits, from back of Section I	
		(A)	70°43.0′N 151°05.7′W
		(B)	70°43.0′N 151°17.7′W
★16065	5Ed. 2/26/83 LAST NM 41/83		(7/84 CG17) 11/84
	Add	Danger circle "Obstr" (PA)	70°47′57″N 151°53′18″W
★16065	5Ed. 2/26/83 LAST NM 11/84		(30/84 CG17) 3/85
	Delete	Danger circle "Obstr" (PA) (Supersedes 11/84-16065)	70°47′57″N 151°53′18″W
★16065	5Ed. 2/26/83 LAST NM 3/85		(CL103/85) 19/85
	Add	Obstruction "18ft Rep (1984)"	70°47′57″N 151°53′18″W
★16066	5Ed. 12/25/82	NEW EDITION	(NOS) 9/83
★16067	6Ed. 2/19/83	NEW EDITION	(NOS) 16/83
★16081	5Ed. 8/13/77	NEW EDITION	(NOS) 43/77
★16082	5Ed. 3/13/76	NEW EDITION	(NOS) 20/76
★16082	5Ed. 3/13/76 LAST NM 20/76		(NOS) 21/80
	Relocate	Light (71°19′39″N 156°40′30″W) to and change to AERO Rot	71°19′39.8″N 156°40′37.8″W
	Add	Lights (AERO) Rot W & G	71°20′08.4″N 156°38′20.5″W 71°17′16.9″N 156°46′17.3″W
★16083	4Ed. 5/4/74 LAST NM 28/74		(33,35/77 CG17) 40/77
	Delete	Position circle "TOWER Radar Reflector (Destroyed in 1955)"	70°54′48″N 157°37′42″W
	Add	Racon −•• 50ft Ra Ref	70°54′50.5″N 157°37′18.9″W
16083	4Ed. 5/4/74 LAST NM 40/77		(41/84 CG17) 52/84
	Change	Characteristic of Racon to −	70°54′51″N 157°37′19″W
★16084	5Ed. 10/18/75	NEW EDITION	(NOS) 52/75
★16085	4Ed. 12/14/74 LAST NM 12/75		(NOS) 22/80
	Add	Lights (AERO) Rot W & G (PA) in	70°38′09.0″N 160°01′37.8″W 70°36′45.0″N 159°51′43.8″W
★16086	5Ed. 12/27/76	NEW EDITION	(NOS) 12/76
★16087	5Ed. 3/29/75 LAST NM 25/75		(MCNM7880/87) 6/87
	Change	Note in lower left margin of chart to	

(continued on next page)

★16087 (Continued)
Change "UPDATING SERVICE
FOR THIS CHART, a listing of
NOTICE TO MARINERS corrections
subsequent to the print date is
available from the Director, Charting
and Geodetic Services, Attention:
N/CG22, National Ocean Service,
NOAA, Rockville Maryland 20852." 6/87

16088 3Ed. 12/28/74 LAST NM 16/75
Change Note to: (MCNM7880/87) 6/87
"UPDATING SERVICE
FOR THIS CHART, a listing of
NOTICE TO MARINERS corrections
subsequent to the print date is
available from the Director, Charting
and Geodetic Service, Attention:
N/CG22, National Ocean Service,
NOAA, Rockville Maryland 20852."

70°00'24"N 162°32'30"W
★16101 4Ed. 3/13/76 NEW EDITION

16101 4Ed. 3/13/76 LAST NM 21/76 (NOS) 21/76
Change Characteristic of Racon to -•- (41/84 CG17) 52/84
69°44'06"N 163°00'36"W

16102 3Ed. 3/29/75 LAST NM 25/75
Change Note in lower left margin of chart to (MCNM7880/87) 6/87
"UPDATING SERVICE
FOR THIS CHART, a listing of
NOTICE TO MARINERS corrections
subsequent to the print date is
available from the Director, Charting
and Geodetic Services, Attention:
N/CG22, National Ocean Service,
NOAA, Rockville Maryland 20852."

16103 3Ed. 12/14/74 LAST NM 14/75
Change Note in lower left margin of chart to (MCNM7880/87) 6/87
"UPDATING SERVICE
FOR THIS CHART, a listing of
NOTICE TO MARINERS corrections
subsequent to the print date is
available from the Director, Charting
and Geodetic Services, Attention:
N/CG22, National Ocean Service,
NOAA, Rockville Maryland 20852."

16104 3Ed. 1/11/75 LAST NM 15/75
Change Note in lower left margin of chart to (MCNM7880/87) 6/87
"UPDATING SERVICE
FOR THIS CHART, a listing of
NOTICE TO MARINERS corrections
subsequent to the print date is
available from the Director, Charting
and Geodetic Services, Attention:
N/CG22, National Ocean Service,
NOAA, Rockville Maryland 20852."

★16121 3Ed. 5/31/75 NEW EDITION (NOS) 33/75

★16122 3Ed. 5/10/75 NEW EDITION (NOS) 32/75

★16122 3Ed. 5/10/75 LAST NM 32/75 (NOS) 10/76
Add Antenna 68°52'08.7"N 166°08'36.7"W

★16123 4Ed. 5/10/75 NEW EDITION (NOS) 31/75

★16123	4Ed. 5/10/75 LAST NM 31/75		(25/81 CG17) 31/81
	Relocate	Light (68°20.6'N 166°40.0'W) to (PA)	68°20.7'N 166°49.7'W
16123	4Ed. 5/10/75 LAST NM 31/81		(40/84 CG17) 4/85
	Add	Light (AERO) Rot WG (PA)	68°21.0'N 166°47.2'W
16123	4Ed. 5/10/75 LAST NM 4/85		(26/85 CG17) 33/85
	Delete	Light	68°20'42"N 166°49'42"W
16124	4Ed. 2/1/75 LAST NM 20/75		(25/81 CG17) 31/81
	Relocate	Light (68°20.6'N 166°40.0'W) to (PA)	68°20.7'N 166°49.7'W
★16124	4Ed. 2/1/75 LAST NM 31/81		(40/84 CG17) 4/85
	Add	Light (AERO) Rot WG (PA)	68°21.0'N 166°47.2'W
★16124	4Ed. 2/1/75 LAST NM 4/85		(26/85 CG17) 33/85
	Delete	Light	68°20'42"N 166°49'42"W
★16200	12Ed. 8/7/82	NEW EDITION	(NOS) 43/82
16200	12Ed. 8/7/82 LAST NM 43/82		(NOS) 49/82
	Delete	Bucy	63°54.9'N 163°19.9'W
16200	12Ed. 8/7/82 LAST NM 49/82		(1(29)81 Taunton; US RA) 18/83
	Add	R Bn 297.5 kHz •–•• –•–• at light	65°48.5'N 169°02.0'W
16200	12Ed. 8/7/82 LAST NM 18/83		(29/83 CG17) 38/83
	Delete	Light	63°24.2'N 162°26.0'W
★16200	12Ed. 8/7/82 LAST NM 38/83		(25/84 CG17) 30/84
	Change	Light to "4" Fl R 6s 100ft 5M	64°31'17"N 162°55'00"W
	Add	Designation "6" to light	64°32'29"N 163°02'27"W
		(And Inset)	
	Delete	Designation from lights "2"	64°20'00"N 162°48'00"W
		"3"	64°23'55"N 163°08'47"W
	Change	Designation of light "4" to "2"	64°27'04"N 162°52'30"W
		(Inset)	
	Change	Designation of light "8" to "6"	64°32'29"N 163°02'27"W
		Light to "4" Fl R 6s 100ft 5M (July 15 to Nov 1)	64°31'17"N 162°55'00"W
16200	12Ed. 8/7/82 LAST NM 30/84		(26/87 CG17) 37/87
	Change	Characteristic of light to Fl G	64°29.9'N 165°24.8'W
		(And Inset)	
	Change	Height of light to 185ft	64°23.9'N 163°08.8'W
★16200	12Ed. 8/7/82 LAST NM 37/87		(27/87 CG17) 39/87
		(And Inset)	
	Delete	Light	64°20'N 162°48'W
16200	12Ed. 8/7/82 LAST NM 39/87		(47(8670)87 Leningrad) 45/88
	Delete	R Bn at light	65°48.5'N 169°01.8'W
★16204	4Ed. 9/11/76	NEW EDITION	(NOS) 46/76
16204	4Ed. 9/11/76 LAST NM 46/76		(FED REG 10/22/85) 40/87
	Change	Legend to "PROHIBITED ANCHORAGE 334.1330 (see note A)"	65°37.3'N 168°12.3'W
★16204	4Ed. 9/11/76 LAST NM 40/87		(15/88 CG17) 19/88
	Change	GRANTLEY HARBOR CHANNEL note to "The channel is subject to continual change and should be used only with local knowledge."	65°14'N 166°20'W
★16206	5Ed. 12/31/77	NEW EDITION	(NOS) 10/78

★16206 5Ed. 12/31/77 LAST NM 10/78

Delete (Inset) Depths 4 feet — (CL1459/80; BP112097) 8/81
4 feet — 64°30'04.3"N 165°25'08.2"W

Change Legend to "3½ FT CENTERLINE JUNE 1979" — 64°30'04.7"N 165°25'07.8"W

★16206 5Ed. 12/31/77 LAST NM 8/81

Change Frequency of R Bn (AERO) to 529 — 64°29'53.0"N 165°24'43.8"W

★16206 5Ed. 12/31/77 LAST NM 23/81

Add Note: "NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.
Nome WXJ-62 162.55 MHz" — (CL492/81) 23/81; 64°29'43"N 165°18'41"W; (CL230/82) 19/82

★16206 5Ed. 12/31/77 LAST NM 19/82

Add (Inset) Chartlets, depicting changes in hydrography, from back of Section I
(A) — 64°28'55"N 165°15'00"W; (NOS) 43/82
(B) — 64°29'56"N 165°24'54"W; 64°30'05"N 165°24'54"W

★16206 5Ed. 12/31/77 LAST NM 43/82

Add (Inset) Chartlets, depicting changes in hydrography, from back of Section I
(A) — (NOS) 3/84
(B) — 64°29'53"N 165°24'47"W; 64°30'05"N 165°24'59"W
(See 43/82-16206)

★16206 5Ed. 12/31/77 LAST NM 3/84

Add (Inset) Chartlets, depicting changes in hydrography, from back of Section I
(A) — (NOS) 6/85
(B) — 64°29'53"N 165°24'47"W; 64°30'05"N 165°24'59"W
(See 3/84-16206)

★16206 5Ed. 12/31/77 LAST NM 6/85

Relocate (And Inset) Light close N to — (30/86 CG17) 35/86; 64°29'51.8"N 165°24'42.2"W

★16206 5Ed. 12/31/77 LAST NM 35/86

Change (And Inset) Characteristic of range lights,
front to Q — (26/87 CG17) 37/87
rear to Iso 6s — 64°29'57.2"N 165°24'42.2"W; 64°29'58.2"N 165°24'41.8"W

Light to Fl G 4s 18ft 4M — 64°29'51.7"N 165°24'45.8"W
(See 6/85-16206)

★162[illegible] 5Ed. 12/31/77 LAST NM 37/87

Add Double solid line "Pier" between — (40/87 CG17) 48/87; 64°30'04"N 165°25'59"W; 64°29'38"N 165°26'15"W

Lights FR (Priv maintd) — 64°29'59"N 165°26'04"W
FR (Priv maintd) — 64°30'00"N 165°26'00"W
Fl G 2.5s (Priv maintd) — 64°29'38"N 165°26'15"W

★16220 3Ed. 7/30/83 NEW EDITION

Relocate Light and R Bn close S to — (DMAHTC; US CH 16200) 46/83; 65°48.6'N 169°02.0'W

16220 3Ed. 7/30/83 LAST NM 46/83

Change Lights to Fl 6s 20ft 6M — (MCNM7926/87) 33/87; 65°38.1'N 168°07.1'W
Oc 9s 92ft 16M — 64°24.3'N 172°14.5'W

16220 3Ed. 7/30/83 LAST NM 33/87

Delete Lights — (BA LL; USSR LL) 36/87; 64°36.8'N 172°20.5'W; 64°45.5'N 172°04.4'W

Change Visibility (range) of light to 14M — 66°09.6'N 169°48.2'W; 66°01.0'N 169°43.0'W

16220	3Ed. 7/30/83 LAST NM 36/87		(MCNM8063/88) 10/88
	Add	Depth 49 feet	64°56.4′N 171°41.2′W
16220	3Ed. 7/30/83 LAST NM 10/88		(47(8670)87 Leningrad) 12/88
	Delete	R Bn at light	65°49.0′N 169°02.0′W
★**16240**	8Ed. 1/5/80	NEW EDITION	(NOS) 14/80
	Change	Visibility (range) of light to 7M (Previously published 42/79)	62°21.0′N 165°21.0′W
★**16240**	8Ed. 1/5/80 LAST NM 14/80		(NOS) 23/80
	Relocate	Light (62°32.2′N 165°00.2′W) to	62°32.3′N 165°01.1′W
★**16240**	8Ed. 1/5/80 LAST NM 23/80		(NOS) 49/82
	Delete	Buoys	63°07.0′N 165°59.9′W 63°55.0′N 163°19.9′W
		Note: Applicable to certain copies of this chart only	
★**16240**	8Ed. 1/5/80 LAST NM 49/82		(29/83 CG17) 38/83
	Delete	Light Line 6 "Canal...Nov. 1" from Note B	63°23.9′N 162°26.3′W 63°08.2′N 162°29.0′W
★**16240**	8Ed. 1/5/80 LAST NM 38/83		(28/85 CG17) 32/85
	Delete	Light Line 11 "Yukon... Passes" from Note B	62°35.5′N 163°57.5′W 63°05.6′N 162°33.0′W
★**16240**	8Ed. 1/5/80 LAST NM 32/85		(24/87 CG17) 31/87
	Relocate	Light (62°32.3′N 165°01.1′W) to	62°35.4′N 164°59.5′W
★**16300**	7Ed. 9/18/76	NEW EDITION	(NOS) 49/76
★**16300**	7Ed. 9/18/76 LAST NM 49/76		(21/79 CG17) 26/79
	Add	Buoy "7", black, Fl 6sec Ra Ref (June 15 to Sept 30)	59°38.2′N 162°19.9′W
★**16300**	7Ed. 9/18/76 LAST NM 26/79		(22/79 CG17) 27/79
	Add	Buoy, red and black bands, nun (PA)	59°10.3′N 162°22.0′W
★**16300**	7Ed. 9/18/76 LAST NM 27/79		(43/79 CG17) 48/79
	Change	Buoy to red nun, Ra Ref (PA) and add designation "2A" (See 27/79-16300)	59°10.3′N 162°22.0′W
★**16300**	7Ed. 9/18/76 LAST NM 48/79		(25/80 CG17; USCG LL) 30/80
	Relocate	Buoys "2" (59°14.7′N 162°10.0′W) to "4" (59°19.0′N 162°18.5′W) (undesignated) (59°10.3′N 162°22.0′W) and change to "2A", red nun, Ra Ref "(June 15 to Sept 30)"	59°14′30″N 162°10′12″W 59°18′48″N 162°18′48″W 59°11′30″N 162°22′48″W
★**16300**	7Ed. 9/18/76 LAST NM 30/80		(24/84 CG17) 28/84
	Delete	Buoy "2A"	59°11′30″N 162°22′48″W
	Change	Color of buoy "5" to green	59°27.2′N 162°19.1′W
	Add	Note in upper right margin of chart "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	

★16300	7Ed. 9/18/76 LAST NM 28/84		
	Delete	Buoys, "1"	(25, 26/86 CG17) 32/86
		"2"	59°07.0′N 162°08.5′W
			59°14.5′N 162°10.1′W
	Relocate	Buoy "5" close W to and change to "3", green can (June 1 to Oct 1)	59°27.0′N 162°19.1′W
		Buoy "4" close NE to and change to "2", red, (June 1 to Oct 1)	59°18.9′N 162°18.5′W
		Buoy "6" close N to and change to "4", red, Fl R 2.5s, BELL (June 1 to Oct 1)	59°35.8′N 162°16.0′W
		Buoy "7" 59°38.2′N 162°19.9′W) to and change to "5", black, can, Fl G 6s (June 1 to Oct 1)	59°43.6′N 162°18.3′W
★16300	7Ed. 9/18/76 LAST NM 32/86		
	Change	Buoys "4" to red, BELL	(23/88 CG17) 30/88
		"5" to green	59°35.8′N 162°16.0′W
			59°43.6′N 162°18.3′W
16300	7Ed. 9/18/76 LAST NM 30/88		
	Delete	BELL from buoy "4" (See 30/88-16300)	(48/88 CG17) 1/89 59°35.8′N 162°16.0′W
★16305	5Ed. 1/21/89	NEW EDITION	(NOS) 18/89
★16315	5Ed. 2/11/89	NEW EDITION	(NOS) 18/89
★16322	6Ed. 3/31/84	NEW EDITION	(NOS) 23/84
★16322	6Ed. 3/31/84 LAST NM 23/84		
	Add	Depth 56 feet (PA)	(NOS) 47/85 58°08′57″N 158°58′00″W
16322	6Ed. 3/31/84 LAST NM 47/85		
	Change	Characteristic of buoy "2" to Fl R 6s	(19/86 CG17) 27/86 58°33′42″N 158°24′12″W
★16322	6Ed. 3/31/84 LAST NM 27/86		
	Delete	Designation "1" from light	(28/87 CG17) 41/87 58°40.4′N 158°51.0′W
16322	6Ed. 3/31/84 LAST NM 41/87		
	Change	Legends to "DANGER AREA 334.1280 (see note A)"	(FED REG 10/22/85) 42/87
			58°20.3′N 159°13.5′W
			58°10.3′N 158°54.5′W
16322	6Ed. 3/31/84 LAST NM 42/87		
	Change	Buoy "2" to red nun, BELL	(17/88 CG17) 22/88 58°33′42″N 158°24′12″W
★16322	6Ed. 3/31/84 LAST NM 22/88		
	Delete	Light	(25/88 CG17) 31/88 58°40′24″N 158°51′00″W
16322	6Ed. 3/31/84 LAST NM 31/88		
	Delete	BELL from buoy "2" (See 22/88-16322)	(46/88 CG17) 53/88 58°33.7′N 158°24.2′W
★16323	7Ed. 12/26/81	NEW EDITION	
★16323	7Ed. 12/26/81 LAST NM 12/82		(NOS) 12/82
	Add	Note "NOTE R CAUTION Extensive shoaling has been reported in the entrance channel to Egegik Bay. Local knowledge should be used when navigating the channel."	(CL487/82) 27/82
		Legend "(See note B)"	58°09′00″N 157°25′00″W
★16323	7Ed. 12/26/81 LAST NM 27/82		58°15′00″N 157°38′30″W
	Add	Legend "(See note C)"	(CL798/84) 31/84 58°44′48″N 157°16′48″W

(continued on next page)

★16323	(Continued)		31/84
	Add	Note "NOTE C CAUTION Shoaling has been reported in the entrance channels to the Kvichak River. Local knowledge should be used when navigating the area."	58°55'00"N 157°12'00"W
16323	7Ed. 12/26/81 LAST NM 31/84		(19/86 CG17) 27/86
	Change	Characteristic of buoy "1" to Fl G 2.5s	58°15'30"N 157°42'00"W
★16323	7Ed. 12/26/81 LAST NM 27/86		(41/87 CG17) 48/87
	Change	Characteristic of lights to Fl G 6s	58°43.4'N 157°02.8'W
		and add designation "1" Fl 6s	58°50.1'N 156°59.7'W
16323	7Ed. 12/26/81 LAST NM 48/87		(17/88 CG17) 22/88
	Change	Buoy "1" to green can, BELL	58°15'30"N 157°42'00"W
★16323	7Ed. 12/26/81 LAST NM 22/88		(25/88 CG17) 31/88
	Delete	Light	58°24'23"N 157°31'29"W
	Substitute	Bns "1", green for light "1" (undesignated), red and white, for light	58°43'22"N 157°02'48"W 58°14'10"N 157°29'01"W
16323	7Ed. 12/26/81 LAST NM 31/88		(46/88 CG17) 53/88
	Delete	BELL from buoy "1" (See 22/88-16323)	58°15.5'N 157°42.0'W
★16338	2Ed. 12/5/87	NEW EDITION	(NOS) 12/88
16338	2Ed. 12/5/87 LAST NM 12/88		(17/88 CG17) 22/88
	Change	Buoys "1" to green can, BELL	58°15'27"N 157°42'07"W
		"UR" to red and white stripes, nun, BELL	57°37'27"N 157°52'25"W
16338	2Ed. 12/5/87 LAST NM 22/88		(46/88 CG17) 53/88
	Delete	BELL from buoys "1"	58°15.5'N 157°42.1'W
		"UR" and change designation to "1" (See 22/88-16338)	57°37.5'N 157°52.4'W
★16338	2Ed. 12/5/87 LAST NM 53/88		(49/88 CG17) 4/89
	Change	Color of buoy "1" to green (See 53/88-16338)	57°37.5'N 157°52.4'W
★16343	6Ed. 6/8/85	NEW EDITION	(NOS) 34/85
★16363	11Ed. 3/5/88	NEW EDITION	(NOS; 18/88 CG17) 24/88
	Change	Color of buoy "3" to green	55°59'18"N 160°36'48"W
★16363	11Ed. 3/5/88 LAST NM 24/88		(22/88 CG17) 27/88
	Delete	Buoy "4"	55°52'09"N 160°48'25"W
	Add	Buoy "2", red nun	56°00'00"N 160°39'13"W
16363	11Ed. 3/5/88 LAST NM 27/88		(42/88 CG17) 47/88
	Substitute	Bn, red for light	55°54'54"N 160°34'36"W
★16380	12Ed. 3/3/84	NEW EDITION	(NOS) 23/84
16380	12Ed. 3/3/84 LAST NM 23/84		(CL91/88) 24/88
	Add	Stranded wreck (PA)	57°13.5'N 170°10.2'W
★16381	5Ed. 6/3/78	NEW EDITION	(NOS) 34/78
★16382	7Ed. 9/30/78	NEW EDITION	(NOS) 49/78

★16382	/Ed. 9/30/78 LAST NM 49/78 Change	Characteristic of R Bn to •••• •—•• —•——	(29/80 CG17) 33/80 57°09'30"N 170°13'36"W
★16382	7Ed. 9/30/78 LAST NM 33/80 Add	Stranded wreck	(CL1207/80) 46/80 57°08'07.8"N 170°17'35.4"W
★16382	7Ed. 9/30/78 LAST NM 46/80 Add	Stranded wreck (PA)	(CL91/88) 24/88 57°13'30"N 170°10'15"W
★16420	7Ed. 9/8/79	NEW EDITION	(NOS) 50/79
16420	7Ed. 9/8/79 LAST NM 50/79 Add	R Bn 375 kHz •— — •——	(7/84 CG17) 11/84 52°50'04"N 173°11'07"E
16420	7Ed. 9/8/79 LAST NM 11/84 Change	Legends to "DANGER AREA 334.1290 (see note A)"	(FED REG 10/22/85) 41/87 52°10.0'N 174°08.4'E 52°24.0'N 174°41.5'E
★16421	8Ed. 11/5/83	NEW EDITION	(NOS) 53/83
16421	8Ed. 11/5/83 LAST NM 53/83 Add	R Bn 375 kHz •— — •——	(7/84 CG17) 11/84 52°50'04"N 173°11'07"E
16421	8Ed. 11/5/83 LAST NM 11/84 Change	Legend to "DANGER AREA 334.1290 (see note A)"	(FED REG 10/22/85) 41/87 52°21.0'N 174°26.0'E
16421	8Ed. 11/5/83 LAST NM 41/87 Add	Buoy (mooring) "CG"	(35/87 CG17) 44/87 52°50.5'N 173°13.5'E
★16430	5Ed. 7/10/82	NEW EDITION	(NOS) 41/82
★16431	5Ed. 3/13/76	NEW EDITION	(NOS) 20/76
16431	5Ed. 3/13/76 LAST NM 20/76 Add	R Bn 375 kHz •— — •—— to position circle (Loran tower)	(7/84 CG17) 11/84 52°50'04"N 173°11'07"E
★16432	9Ed. 6/7/75	NEW EDITION	(NOS) 39/75
★16432	9Ed. 6/7/75 LAST NM 39/75 Add	R Bn 375 kHz •— — •—— to position circle (Loran tower)	(7/84 CG17) 11/84 52°50'04"N 173°11'07"E
★16432	9Ed. 6/7/75 LAST NM 11/84 Add	Buoy (mooring) "CG"	(35/87 CG17) 44/87 52°50'32"N 173°13'32"E
★16433	6Ed. 4/22/78	NEW EDITION	(NOS) 26/78
★16434	4Ed. 5/6/78	NEW EDITION	(NOS) 30/78
16434	4Ed. 5/6/78 LAST NM 30/78 Change	Legend to "DANGER AREA 334.1290 (see note A)"	(FED REG 10/22/85) 41/87 52°17'49"N 173°52'15"E
★16435	4Ed. 10/3/81	NEW EDITION	(NOS) 51/81
16435	4Ed. 10/3/81 LAST NM 51/81 Add	Legend "See note B" Note: "NOTE B It has been reported that the northern 150 yards of the point in the vicinity of Lat. 52°43'51"N Long. 174°03'58"E has eroded away. Mariners are urged to use caution when navigating in this area."	(CL1298/82) 1/83 52°44'00"N 174°03'55"E
★16436	8Ed. 5/6/78	NEW EDITION	52°41'10"N 173°48'40"E (NOS) 30/78

★16436	8Ed. 5/6/78 LAST NM 30/78		(CL1298/82) 1/83
	Add	Legend "See Note B"	52°44′00″N 174°03′55″E
		Note: "NOTE B It has been reported that the northern 150 yards of the point in the vicinity of Lat. 52°43′51″N Long. 174°03′58″E has eroded away. Mariners are urged to use caution when navigating in this area."	52°39′05″N 174°05′50″W
		(Inset Alcan Harbor)	
	Add	Legend "See note B"	52°44′00″N 174°03′55″W
16436	8Ed. 5/6/78 LAST NM 1/83		(FED REG 10/22/85) 41/87
	Change	Legends to "DANGER AREA 334.1290 (see note A)"	52°38′03″N 174°11′30″E 52°40′08″N 174°06′50″E 52°40′20″N 174°15′20″E
★16440	12Ed. 10/15/83	NEW EDITION	(NOS) 52/83
★16441	6Ed. 11/6/76	NEW EDITION	(NOS) 10/77
★16442	5Ed. 7/19/80	NEW EDITION	(NOS) 41/80
★16446	6Ed. 5/31/75	NEW EDITION	(NOS) 33/75
★16460	12Ed. 12/24/83	NEW EDITION	(NOS) 8/84
16460	12Ed. 12/24/83 LAST NM 8/84		(18/84 CG17) 24/84
	Change	Buoy "2" to red, Fl R 6sec BELL and add light symbol	51°54.8′N 176°30.4′W
		Light "4" to Fl R 4sec 45ft 4M	51°52.1′N 176°36.4′W
	Add	Light "5" Fl G 6sec 55ft 5M	51°51′33″N 176°35′21″W
16460	12Ed. 12/24/83 LAST NM 24/84		(FED REG 10/22/85) 41/87
	Change	Legend to "RESTRICTED AREA 334.1320 (see note A)"	51°54.5′N 176°39.5′W
16460	12Ed. 12/24/83 LAST NM 41/87		(CL1134/87) 4/88
	Add	Stranded wreck (PA)	52°01.3′N 176°11.3′W
★16462	4Ed. 5/10/75	NEW EDITION	(NOS) 31/75
★16463	5Ed. 4/21/79	NEW EDITION	(NOS) 27/79
★16471	8Ed. 5/10/80	NEW EDITION	(NOS) 32/80
16471	8Ed. 5/10/80 LAST NM 32/80		(19/81 CG17) 24/81
	Change	Height of light "4" to 45ft	51°52.1′N 176°36.4′W
16471	8Ed. 5/10/80 LAST NM 24/81		(18/84 CG17) 24/84
	Change	Buoys "2" to red, Fl R 6sec BELL	51°54.7′N 176°30.4′W
		"3" to green, Fl G 2.5sec BELL	51°51.7′N 176°33.9′W
		Lights "4" to Fl R 4sec 45ft 4M	51°52.1′N 176°36.4′W
		"6" to Fl R 6sec 16ft 3M	51°51.6′N 176°37.6′W
	Add	Lights "5" Fl G 6sec 55ft 5M	51°51′33″N 176°35′21″W
		"7" Fl G 4sec 75ft 3M	51°51′20″N 176°37′36″W

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16471	(Continued)			
	Add	Note in upper left margin of chart "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes in aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."		24/84
16471	8Ed. 5/10/80 LAST NM 24/84 Relocate	Buoy "3" close NE to		(30/85 CG17) 34/85 51°51'49"N 176°33'56"W
16471	8Ed. 5/10/80 LAST NM 34/85 Substitute	Bn, red, for light		(23/87 CG17) 31/87 51°51.2'N 176°39.0'W
16471	8Ed. 5/10/80 LAST NM 31/87 Change	Legend to "RESTRICTED AREA 334.1320 (see note A)"		(FED REG 10/22/85) 41/87 51°54.6'N 176°38.7'W
16471	8Ed. 5/10/80 LAST NM 41/87 Delete	Bn (Supersedes 31/87-16471)		(43/87 CG17) 49/87 51°51.2'N 176°39.0'W
16471	8Ed. 5/10/80 LAST NM 49/87 Add	Rock awash (PA)		(CL524/87) 51/87 51°51.6'N 176°36.8'W
16471	8Ed. 5/10/80 LAST NM 51/87 Add	Rock awash (PA) (Cancels 51/87-16471)		(CL524/87) 1/88 51°51.6'N 176°38.6'W
16471	8Ed. 5/10/80 LAST NM 1/88 Add	Stranded wreck (PA)		(CL1134/87) 4/88 52°01.3'N 176°11.3'W
16471	8Ed. 5/10/80 LAST NM 4/88 Delete	Position circle "MARKER"		(CL68/89) 10/89 51°51'30"N 176°35'20"W
★16474	6Ed. 5/10/75	NEW EDITION		(NOS) 32/75
★16475	7Ed. 4/8/78	NEW EDITION		(NOS) 26/78
16475	7Ed. 4/8/78 LAST NM 26/78 Change	Height of light "4" to 45ft		(19/81 CG17) 24/81 51°52'06"N 176°36'23"W
★16475	7Ed. 4/8/78 LAST NM 24/81 Change	Buoys "2" to red, Fl R 6sec BELL "3" to green, Fl G 2.5sec BELL		(18/84 CG17) 24/84 51°54'45"N 176°30'26"W 51°51'45"N 176°33'57"W
		Lights "4" to Fl R 4sec 45ft 4M "6" to Fl R 6sec 16ft 3M		51°52'06"N 176°36'23"W 51°51'41"N 176°37'38"W
	Add	Lights "5" Fl G 6sec 55ft 5M "7" Fl G 4sec 75ft 3M		51°51'32.7"N 176°35'21.5"W 51°51'20.5"N 176°37'36.4"W
		Note in upper left margin of chart "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green;		

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★16475	(Continued) Add	black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes in aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	
★16475	7Ed. 4/8/78 LAST NM 24/84 Relocate	Buoy "3" close NE to	(30/85 CG17) 34/85 51°51′49″N 176°33′56″W
16475	7Ed. 4/8/78 LAST NM 34/85 Substitute	Bn, red, for light "2"	(23/87 CG17) 31/87 51°51′11″N 176°39′00″W
	Add	Buoy "4A", red nun	51°51′56.8″N 176°36′27.5″W
16475	7Ed. 4/8/78 LAST NM 31/87 Change	Legends to "RESTRICTED AREA 334.1320 Anchoring Prohibited (see note A)"	(FED REG 10/22/85) 41/87 51°52′33″N 176°34′45″W 51°54′10″N 176°35′35″W
16475	7Ed. 4/8/78 LAST NM 41/87 Delete	Bn (See 31/87-16475)	(43/87 CG17) 49/87 51°51′11″N 176°39′00″W
16475	7Ed. 4/8/78 LAST NM 49/87 Add	Rock awash (PA)	(CL524/87) 51/87 51°51′37″N 176°38′34″W
16475	7Ed. 4/8/78 LAST NM 51/87 Add	Depth 6¼ fathoms with legend "Obstn (rep 1987)"	(CL1105/87; BP133463) 1/88 51°51′44″N 176°38′08″W
★16475	7Ed 4/8/78 LAST NM 1/88 Add	Chartlet, depicting changes in topography and aids to navigation, from back of Section I	(NOS) 32/88 51°51′36″N 176°36′30″W
	Change	Legend to "RESTRICTED AREA 334.1320 Anchoring Prohibited (See note A)"	51°52′30″N 176°34′40″W
16475	7Ed. 4/8/78 LAST NM 32/88 Add	Range lights, front FG 31ft rear FG 91ft	(40/88 CG17) 46/88 51°51′14″N 176°39′06″W 51°51′10″N 176°39′28″W
		Range line extending in 073° direction from above rear light dashed for 1000 yards, thence solid for 2000 yards	51°51′10″N 176°39′28″W
		Note: Lights in line 253°	
		Depths 9¾ fathoms 5¼ fathoms 8¼ fathoms 8¼ fathoms (See 32/88-16475)	51°51′22.5″N 176°37′47.0″W 51°51′21.0″N 176°38′10.0″W 51°51′38.5″N 176°38′28.0″W 51°51′25.5″N 176°38′58.5″W
16475	7Ed. 4/8/78 LAST NM 46/88 Delete	Position circles "TARGET" "TARGET" (See 32/88-16475)	(CL68/89) 10/89 51°51′30″N 176°35′21″W 51°51′39″N 176°34′44″W
★16476	8Ed. 4/30/77	NEW EDITION	(NOS) 28/77
★16476	8Ed. 4/30/77 LAST NM 28/77 Add	Visibility (range) 5M to light "6"	(50/77 CG17) 4/78 51°51.7′N 176°37.6′W
★16476	8Ed. 4/30/77 LAST NM 4/78 Change	Height of light "4" to 45ft	(19/81 CG17) 24/81 51°52′06″N 176°36′23″W
★16476	8Ed. 4/30/77 LAST NM 24/81 Add	Danger circle "Obstr"	(CL278/84) 21/84 51°51′06″N 176°39′14″W

16476	8Ed. 4/30/77 LAST NM 21/84		
	Change	Buoy to "3", green, Fl G 2.5sec BELL	(18/84 CG17) 24/84 51°51'44.8"N 176°33'57.5"W
		Lights "4" to Fl R 4sec 45ft 4M "6" to Fl R 6sec 16ft 3M	51°52'06.0"N 176°36'23.5"W 51°51'40.3"N 176°37'37.8"W
	Add	Lights "5" Fl G 6sec 55ft 5M "7" Fl G 4sec 75ft 3M	51°51'32.7"N 176°35'21.5"W 51°51'20.5"N 176°37'36.4"W
		Note in upper left margin of chart "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes in aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	
16476	8Ed. 4/30/77 LAST NM 24/84		
	Relocate	Buoy "3" close NE to	(30/85 CG17) 34/85 51°51'49"N 176°33'56"W
★**16476**	8Ed. 4/30/77 LAST NM 34/85		
	Substitute	Bn, red, for light "2"	(23/87 CG17) 31/87 51°51'11"N 176°39'00"W
	Add	Buoy "4A", red nun	51°51'56.8"N 176°36'27.5"W
16476	8Ed. 4/30/77 LAST NM 31/87		
	Change	Legends to "RESTRICTED AREA 334.1320 Anchoring Prohibited (see note A)"	(FED REG 10/22/85) 41/87 51°52'08"N 176°35'58"E 51°52'40"N 176°33'40"E
★**16476**	8Ed. 4/30/77 LAST NM 41/87		
	Delete	Buoy (mooring) Bn (See 31/87-16476)	(FED REG 10/22/85; 43/87 CG17) 49/87 51°49'13"N 176°30'32"W 51°51'11"N 176°39'00"W
	Change	Legends to "RESTRICTED AREA 334.1320 Anchoring prohibited (see note A)"	51°52'08"N 176°35'58"W 51°52'40"N 176°33'40"W
		(Cancels 41/87-16476)	
★**16476**	8Ed. 4/30/77 LAST NM 49/87		
	Add	Rock awash (PA) Legend "Subm Pilings"	(CL524/87) 51/87 51°51'37"N 176°38'34"W 51°51'35"N 176°38'40"W
★**16476**	8Ed. 4/30/77 LAST NM 51/87		
	Add	Depth 6¼ fathoms with legend "Obstn (rep 1987)"	(CL1105/87; BP133463) 1/88 51°51'44.4"N 176°38'08.5"W
★**16476**	8Ed. 4/30/77 LAST NM 1/88		
	Add	Chartlets, depicting changes in topography and aids to navigation, from back of Section I (A) (B)	(NOS) 32/88 51°51'52"N 176°38'17"W 51°51'07"N 176°38'39"W
★**16476**	8Ed. 4/30/77 LAST NM 32/88		
	Substitute	Depth 1¾ fathoms Rk for 1¼ fathoms	(MCNM8049/88) 39/88 51°51'13.2"N 176°58'39.5"W
	Add	Depths 2 fathoms "Obstr" 6 fathoms "Obstr" (See 32/88-16476)	51°51'14.0"N 176°38'59.1"W 51°51'43.3"N 176°38'07.8"W
★**16476**	8Ed. 4/30/77 LAST NM 39/88		
	Delete	Depth 1¾ fathoms Rk	(40/88 CG17; MCNM8049/88) 46/88 51°51'13.2"N 176°58'39.5"W

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★16476	(Continued)		46/88
	Substitute	Depths 8¼ fathoms for 9 fathoms	51°51'25.5"N 176°38'58.5"W
		1¾ fathoms Rk for 1¼ fathoms	51°51'13.2"N 176°38'59.5"W
		(See 32, 39/88-16476)	
	Add	Depths 9¾ fathoms	51°51'22.5"N 176°37'47.0"W
		5¼ fathoms	51°51'21.5"N 176°38'10.0"W
		8¼ fathoms	51°51'38.5"N 176°38'28.0"W
		Small square with legend "(uncovers 6ft)"	51°51'14.6"N 176°39'02.0"W
		Range lights, front FG 31ft	51°51'14.0"N 176°39'06.0"W
		rear FG 91ft	51°51'10.0"N 176°39'28.0"W
		Range line extending in 073° direction from above rear light dashed for 1000 yards, thence solid for 2000 yards	51°51'10.0"N 176°39'28.0"W
		Note: Lights in line 253° (See 32/88-16476)	
★16476	8Ed. 4/30/77 LAST NM 46/88		(CL68/89) 10/89
	Delete	Position circles "MARKER"	51°51'30"N 176°35'20"W
		"MARKER"	51°51'39"N 176°34'44"W
★16477	5Ed. 4/24/76	NEW EDITION	(NOS) 27/76
★16478	8Ed. 7/22/78	NEW EDITION	(NOS) 40/78
★16478	8Ed. 7/22/78 LAST NM 40/78		(CL1134/87) 4/88
	Add	Stranded wreck (PA)	52°01'17"N 176°11'20"W
★16480	9Ed. 7/10/82	NEW EDITION	(NOS) 41/82
	Add	Depth 14 fathoms Rk "Rep (1982)" (PA) (Previously published 37/82)	51°58.0'N 173°05.3'W
16484	5Ed. 3/17/75 LAST NM 20/75		(MCNM7880/87) 6/87
	Change	Note in lower margin of chart to: "UPDATING SERVICE FOR THIS CHART, a listing of NOTICE TO MARINERS corrections subsequent to the print date is available from the Director, Charting and Geodetic Services, Attention: N/CG22, National Ocean Service, NOAA, Rockville Maryland 20852."	
★16486	5Ed. 7/14/79	NEW EDITION	(NOS) 42/79
★16487	4Ed. 11/10/79	NEW EDITION	(NOS) 7/80
★16490	6Ed. 4/15/78	NEW EDITION	(NOS) 25/78
★16500	7Ed. 8/6/83	NEW EDITION	(NOS) 42/83
16500	7Ed. 8/6/83 LAST NM 42/83		(31/85 CG17) 35/85
	Delete	Light	54°00.6'N 166°22.5'W
16500	7Ed. 8/6/83 LAST NM 35/85		(40/86 CG17) 45/86
	Relocate	Buoy "2" close NE to	53°54.6'N 166°29.5'W
★16500	7Ed. 8/6/83 LAST NM 45/86		(27/87 CG17) 39/87
	Delete	Designation "1" from light	53°25.0'N 167°33.2'W
16500	7Ed. 8/6/83 LAST NM 39/87		(36/87 CG17) 44/87
	Delete	Light	53°25.0'N 167°33.2'W

★16501	5Ed. 10/22/83	NEW EDITION	(NOS) 53/83
★16511	5Ed. 12/6/75	NEW EDITION	(NOS) 11/76
★16511	5Ed. 12/6/75 LAST NM 11/76 Delete	Light	(16/81 CG17) 20/81 52°59.8′N 168°55.1′W
16513	3Ed. 9/28/74 LAST NM 2/75 Change	Note in lower margin of chart to "UPDATING SERVICE FOR THIS CHART, a listing of NOTICE TO MARINERS corrections subsequent to the print date is available from the Director, Charting and Geodetic Services, Attention: N/CG22, National Ocean Service, NOAA, Rockville Maryland 20852."	(MCNM7880/87) 6/87
16514	2Ed. 3/1/75 LAST NM 26/75 Change	Note in lower left margin of chart to "UPDATING SERVICE FOR THIS CHART, a listing of NOTICE TO MARINERS corrections subsequent to the print date is available from the Director, Charting and Geodetic Services, Attention: N/CG22, National Ocean Service, NOAA, Rockville Maryland 20852."	(MCNM7880/87) 6/87
★16515	5Ed. 4/21/79	NEW EDITION	(NOS) 27/79
★16515	5Ed. 4/21/79 LAST NM 27/79 Add	Light "1" Fl 6sec 105ft 6M obscured 268°-314°	(38/80 CG17) 44/80 53°24′58″N 167°33′09″W
16515	5Ed. 4/21/79 LAST NM 44/80 Delete	Light	(36/87 CG17) 44/87 53°24′58″N 167°33′09″W
★16516	5Ed. 4/22/78 Delete	NEW EDITION Light	(NOS; 21/78 CG17) 26/78 53°24′57″N 167°33′09″W
16516	5Ed. 4/22/78 LAST NM 26/78 Add	Light "1" Fl 6sec 105ft 6M obscured 268°-314°	(38/80 CG17) 44/80 53°23′58″N 167°33′09″W
16516	5Ed. 4/22/78 LAST NM 44/80 Delete	Light "1" (Cancels 44/80-16516)	(38/80 CG17) 50/80 53°23′58″N 167°33′09″W
	Add	Light "1" Fl 6sec 105ft 6M with obscured sector 268°-314°	53°24′58″N 167°33′09″W
★16516	5Ed. 4/22/78 LAST NM 50/80 Delete	Light	(36/87 CG17) 44/87 53°24′58″N 167°33′09″W
★16517	4Ed. 12/2/78	NEW EDITION	(NOS) 8/79
★16518	4Ed. 5/10/75	NEW EDITION	(NOS) 32/75
★16520	20Ed. 7/10/82 Add	NEW EDITION Light "2" Fl R 6sec 169ft 5M (Previously published 27/82)	(NOS) 41/82 54°08.7′N 165°43.6′W
★16520	20Ed. 7/10/82 LAST NM 41/82 Delete	R Bn at light	(NOS) 42/82 54°35.9′N 164°55.5′W
16520	20Ed. 7/10/82 LAST NM 42/82 Delete	Buoy, danger circle and legend "& Subm buoy (12½ fms rep)"	(CL904/82) 49/82 54°01′43″N 163°00′00″W

16520	20Ed. 7/10/82 LAST NM 49/82		(7/83 CG17) 12/83
	Delete	Note B	54°57.5'N 163°46.5'W
16520	20Ed. 7/10/82 LAST NM 12/83		(24/83 CG17) 30/83
	Change	Light to "2CP" Fl R 4sec 6M	55°02'25"N 163°27'57"W
		Color of beacon to red	54°59'51"N 163°29'18"W
	Add	Lights "6RP" Fl R 6sec 52ft 6M	54°58'19"N 163°26'26"W
		"8" Fl R 6sec 5M	54°51'26"N 163°23'24"W
★**16520**	20Ed. 7/10/82 LAST NM 30/83		(NOS) 31/83
	Add	Note in upper center margin of chart "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	
16520	20Ed. 7/10/82 LAST NM 31/83		(25/83 CG17) 37/83
	Change	Light to "4" Fl R 4sec 4M	54°49.0'N 163°21.6'W
	Add	Lights "3" Fl G 4sec 78ft 5M	54°46'58"N 163°21'46"W
		"5" Fl G 6sec 14ft 3M	54°49'31"N 163°22'25"W
		"1" Fl G 6sec 81ft 6M with obscured sector 297°-063°	54°46'34"N 163°10'57"W
16520	20Ed. 7/10/82 LAST NM 37/83		(40/83 CG17) 46/83
	Add	Light Fl 4sec 23ft 5M	54°59'10"N 162°17'58"W
16520	20Ed. 7/10/82 LAST NM 46/83		(25/84 CG17) 30/84
	Delete	Designation "5" from light	55°11.5'N 162°38.5'W
	Change	Characteristic of light "2" to Fl R 4s	55°06.2'N 162°31.5'W
★**16520**	20Ed. 7/10/82 LAST NM 30/84		(CL253/85) 18/85
	Add	Legend "Shoaling to bare (rep 1985)"	55°26'30"N 162°39'30"W
★**16520**	20Ed. 7/10/82 LAST NM 18/85		(18/84, 26/85 CG17) 33/85
	Change	Buoy "1" to "2TP", red, Fl R 6s WHIS	54°54'58"N 162°32'18"W
		Designation of buoy "2" to "1WC" and color to green	54°55'35"N 162°27'48"W
		Color of buoy "21" to green and designation to "29"	54°56'54"N 163°21'27"W
★**16520**	20Ed. 7/10/82 LAST NM 33/85		(31/85 CG17) 35/85
	Delete	Light	54°00'30"N 166°22'32"W
16520	20Ed. 7/10/82 LAST NM 35/85		(39/85 CG17) 43/85
	Change	Color of buoy "3" to green	55°06'44"N 162°31'53"W
16520	20Ed. 7/10/82 LAST NM 43/85		(26/86 CG17) 32/86
	Relocate	Buoy "BB" close SW to and change to "BB", red and white stripes, ball topmark, Mo(A) BELL	55°06.2'N 163°28.5'W
		Buoy "1" (55°04.8'N 163°27.8'W) to and change color to green	55°05.8'N 163°28.2'W
16520	20Ed. 7/10/82 LAST NM 32/86		(40/86 CG17) 45/86
	Relocate	Buoy "2" close NE to	53°54.6'N 166°29.5'W
16520	20Ed. 7/10/82 LAST NM 45/86		(CL1151/86) 50/86
	Add	Depth 9 fathoms enclosed by danger circle "Rep (1986)" (PA)	53°56'18"N 166°11'12"W

★16520	20Ed. 7/10/82 LAST NM 50/86		
	Add	"SAFETY FAIRWAY 166.400 (see note A)" area bound by purple line joining	(FED REG 12/2/86) 4/87
			54°25'58"N 165°42'24"W
			54°22'50"N 165°06'54"W
			54°42'28"N 165°16'19"W
		joining	
			54°43'32"N 165°09'41"W
			54°22'10"N 164°59'29"W
			54°07'58"N 162°19'25"W
		between	
			54°22'02"N 165°43'36"W
			54°04'02"N 162°20'35"W
16520	20Ed. 7/10/82 LAST NM 4/87		
	Change	Color of buoy "1" to green	(26/87 CG17) 37/87
			55°05.6'N 162°31.8'W
16520	20Ed. 7/10/82 LAST NM 37/87		
	Change	Color of buoy "1" to green	(12/88 CG17) 17/88
			54°42.9'N 162°59.8'W
16520	20Ed. 7/10/82 LAST NM 17/88		
	Substitute	Depth 8 fathoms "(rep 1987)" for 14 fathoms	(CL532/87) 24/88
			53°58.6'N 166°04.0'W
16520	20Ed. 7/10/82 LAST NM 24/88		
	Substitute	Bn. each red for lights "4" "2CP" "6RP"	(23, 24/88 CG17) 30/88
			54°49.0'N 163°21.6'W
			55°02.4'N 163°28.0'W
			54°58.3'N 163°26.4'W
16520	20Ed. 7/10/82 LAST NM 30/88		
	Delete	Legends "(see note B)"	(7/83 CG17) 33/88
			55°05.8'N 163°30.0'W
			54°56.7'N 163°24.0'W
	Relocate	Light "7" close E to	
			55°03.8'N 163°25.2'W
16520	20Ed. 7/10/82 LAST NM 33/88		
	Delete	Light	(28/88 CG17) 34/88
			54°48.1'N 162°43.4'W
★16520	20Ed. 7/10/82 LAST NM 34/88		
	Add	Depth 30 fathoms	(MCNM8158/88) 45/88
			54°18.8'N 164°37.5'W
★16521	4Ed. 5/6/78	NEW EDITION	(NOS) 30/78
★16522	4Ed. 2/18/78	NEW EDITION	(NOS) 20/78
★16528	14Ed. 3/17/84	NEW EDITION	(NOS) 18/84
★16528	14Ed. 3/17/84 LAST NM 18/84		
	Add	Light symbol to buoy "6"	(NOS) 40/84
			53°52'42"N 166°31'54"W
16528	14Ed. 3/17/84 LAST NM 40/84		
	Add	Stranded wreck (PA)	(CL1167/84) 49/84
			53°55'37"N 166°30'36"W
16528	14Ed. 3/17/84 LAST NM 49/84		
	Delete	Light	(31/85 CG17) 35/85
			54°00'33"N 166°22'29"W
16528	14Ed. 3/17/84 LAST NM 35/85		
	Add	Legend "(see note B)"	(33/85 CG17) 38/85
			53°53'55"N 166°31'50"W
		Note "NOTE B CAUTION It has been reported that several vessels anchoring in the southwest area of Dutch Harbor have fouled their anchors on ground tackle lost on the bottom of the harbor. Caution should be exercised when anchoring west of a line drawn from Rocky Point to the city pier (53°54'15"N 166°31'33"W). If possible, anchor outside the affected area."	
16528	14Ed. 3/17/84 LAST NM 38/85		53°54'20"N 166°22'30"W
	Change	Characteristic of buoy "RP" to Fl(2+1) G 6s	(20/86 CG17) 27/86
			53°53'28"N 166°31'11"W

16528	14Ed. 3/17/84 LAST	NM 27/86	(25, 26/86 CG17) 32/86
	Delete	Designation "4" from light	53°53'54"N 166°30'48"W
	Change	Color of buoy "RP" to green and red bands (topmost band green)	53°53'28"N 166°31'11"W
16528	14Ed. 3/17/84 LAST	NM 32/86	(40/86 CG17) 45/86
	Relocate	Buoy "2" close NE to	53°54'35.5"N 166°29'32.0"W
★**16528**	14Ed. 3/17/84 LAST	NM 45/86	(CL1151/86) 50/86
	Add	Depth 9 fathoms enclosed by danger circle "Rep (1986)" (PA)	53°56'18"N 166°11'12"W
16528	14Ed. 3/17/84 LAST	NM 50/86	(39/87 CG17) 46/87
	Change	Color of buoy "5" to green	53°52'39"N 166°31'58"W
★**16528**	14Ed. 3/17/84 LAST	NM 46/87	(CL532/87) 24/88
	Substitute	Depth 8 fathoms enclosed by danger circle "(rep 1987)" for 14 fathoms	53°58'36"N 166°03'53"W
16528	14Ed. 3/17/84 LAST	NM 24/88	(41/88 CG17) 47/88
	Add	Lights Fl R 2.5s (Priv maintd)	53°53'07"N 166°31'39"W 53°53'01"N 166°31'52"W
★**16529**	11Ed. 6/23/84	NEW EDITION	(NOS) 34/84
16529	11Ed. 6/23/84 LAST	NM 34/84	(CL1167/84) 49/84
	Add	Stranded wreck (PA)	53°55'37"N 166°30'36"W
★**16529**	11Ed. 6/23/84 LAST	NM 49/84	(33/85 CG17) 38/85
	Add	Legend "(see note B)"	53°53'49"N 166°31'50"W
		Note "NOTE B CAUTION It has been reported that several vessels anchoring in the southwest area of Dutch Harbor have fouled their anchors on ground tackle lost on the bottom of the harbor. Caution should be exercised when anchoring west of a line drawn from Rocky Point to the city pier (53°54'15"N 166°31'33"W). If possible, anchor outside the affected area."	53°54'20"N 166°33'00"W
★**16529**	11Ed. 6/23/84 LAST	NM 38/85	(20/86 CG17) 26/86
	Change	Characteristic of buoy "RP" to Fl(2+1) G 6s	53°53'28.5"N 166°31'13.0"W
★**16529**	11Ed. 6/23/84 LAST	NM 26/86	(25, 26/86 CG17) 32/86
	Delete	Designation "4" from light	53°53'54"N 166°30'48"W
	Change	Color of buoy "RP" to green and red bands (topmost band green)	53°53'28"N 166°31'11"W
★**16529**	11Ed. 6/23/84 LAST	NM 32/86	(40/86 CG17) 45/86
	Relocate	Buoy "2" close NE to	53°54'35.5"N 166°29'32.0"W
★**16529**	11Ed. 6/23/84 LAST	NM 45/86	(28/87 CG17) 41/87
	Change	Color of buoys, each to green "11" "13"	53°52'36"N 166°32'42"W 53°52'35"N 166°32'52"W
★**16529**	11Ed. 6/23/84 LAST	NM 41/87	(39/87 CG17) 46/87
	Change	Color of buoy "5" to green	53°52'39"N 166°31'58"W
★**16529**	11Ed. 6/23/84 LAST	NM 46/87	(41/88 CG17) 47/88
	Add	Lights Fl R 2.5s (Priv maintd)	53°53'07.3"N 166°31'39.0"W 53°53'00.7"N 166°31'52.0"W
★**16530**	4Ed. 4/30/77	NEW EDITION	(NOS) 30/77
16530	4Ed. 4/30/77 LAST	NM 30/77	(26/78 CG17) 33/78
	Relocate	Buoy "2" (53°52'34"N 166°32'43"W) to	53°52'35.2"N 166°32'42.5"W

16530 4Ed. 4/30/77 LAST NM 33/78

Delete — Buoys "2" (21/80 CG17) 26/80
"3" 53°52′35.2″N 166°32′42.5″W

Add — Buoys "6", red nun in 53°52′38.1″N 166°32′44.6″W
"7", black can 53°52′38.4″N 166°32′43.5″W
"8", red nun 53°52′35.8″N 166°32′41.8″W
53°52′35.9″N 166°32′48.4″W

16530 4Ed. 4/30/77 LAST NM 26/80

Delete — Buoy "1" (41, 42/81 CG17) 47/81
53°52′38.7″N 166°31′56.5″E

Add — Buoys "1", black, Fl G 2½sec 53°52′38.7″N 166°31′57.4″E
"9", black can 53°52′35.3″N 166°32′52.3″E

16530 4Ed. 4/30/77 LAST NM 47/81

Relocate — Buoys "2" close SE to (44/81 CG17) 50/81
"1" close NW 53°52′41.4″N 166°31′54.0″W
(See 47/81-16530) 53°52′39.1″N 166°31′58.3″W

16530 4Ed. 4/30/77 LAST NM 50/81

Delete — Buoy "1" (41, 42, 44/81 CG17) 4/82
53°52′38.7″N 166°31′56.5″W

Relocate — Buoy "2" (53°52′42″N 166°31′55″W) to 53°52′41.4″N 166°31′54.0″W

Add — Buoys "1", black, Fl G 2½sec 53°52′39.1″N 166°31′58.3″W
"9", black can 53°52′35.3″N 166°32′52.3″W
(Cancels 47, 50/81-16530)

★16530 4Ed. 4/30/77 LAST NM 4/82

Add — Legend "Unexploded ordnance", aligned (NVS6646/82) 19/82
049°-229°, centered 53°51′09″N 166°34′19″W

16530 4Ed. 4/30/77 LAST NM 19/82

Change — Designation of buoys "2" to "6" (34/82 CG17) 40/82
"4" to "8" 53°52′41.4″N 166°31′54.0″W
"6" to "10" 53°52′45.0″N 166°32′05.0″W
"7" to "11" 53°52′38.4″N 166°32′43.5″W
"8" to "12" 53°52′35.8″N 166°32′41.8″W
"1" to "5" 53°52′35.9″N 166°32′48.4″W
"9" to "13" 53°52′39.1″N 166°31′58.3″W
(See 4/82-16530) 53°52′35.3″N 116°32′52.3″W

★16530 4Ed. 4/30/77 LAST NM 40/82

Add — Chartlets, depicting changes in hydrography, topography and aids to navigation, from back of Section I (NOS) 31/84
(A) 53°53.8′N 166°32.4′W
(B) 53°52.8′N 166°32.4′W
(C) 53°52.8′N 166°33.5′W

16530 4Ed. 4/30/77 LAST NM 31/84

Add — Legend "(see note B)" (33/85 CG17) 38/85
(See 31/84-16530) 53°53′45″N 166°32′00″W

Note

"NOTE B
CAUTION
It has been reported that several vessels anchoring in the southwest area of Dutch Harbor have fouled their anchors on ground tackle lost on the bottom of the harbor. Caution should be exercised when anchoring west of a line drawn from Rocky Point to the city pier (53°54′15″N 166°31′33″W). If possible, anchor outside the affected area."

16530 4Ed. 4/30/77 LAST NM 38/85

Change — Color of buoys, each to green 53°50′45″N 166°33′00″W
"11" (28/87 CG17) 41/87
"13" 53°52′36″N 166°32′42″W
(See 31/84-16530) 53°52′35″N 166°32′52″W

16530 4Ed. 4/30/77 LAST NM 41/87

Change — Color of buoy "5" to green (39/87 CG17) 46/87
(See 31/87-16530) 53°52′39″N 166°31′58″W

★16531 5Ed. 12/18/76 NEW EDITION (NOS) 10/77

★16531	5Ed. 12/18/76 LAST NM 10/77		(11/77 CG17) 17/77
	Add	Wreck (PA)	54°01'49"N 165°31'02"W
★16531 T	5Ed. 12/18/76 LAST NM 17/77 (Temp'y)		(51/77 CG17) 4/78
	Change	Period of light to 12sec	54°23.7'N 164°44.6'W
★16531	5Ed. 12/18/76 LAST NM 4/78		(11/78 CG17) 16/78
	Delete	Light, HORN and R Bn (Supersedes 4/78T-16531)	54°23.7'N 164°44.6'W
	Add	Lights Fl 6sec 110ft 9M in Fl 4sec 9M	54°23'48"N 164°44'36"W 54°13'48"N 164°47'48"W
16531	5Ed. 12/18/76 LAST NM 16/78		(21/78 CG17) 26/78
	Delete	Light	54°08.7'N 165°43.5'W
★16531	5Ed. 12/18/76 LAST NM 26/78		(43/78 CG17) 48/78
	Change	Obscured sector of light to 104°-276°	54°23.8'N 164°44.6'W
16531	5Ed. 12/18/76 LAST NM 48/78		(20/82 CG17) 27/82
	Add	Light "2" Fl R 6sec 169ft 5M	54°08'44.4"N 165°43'34.0"W
★16531	5Ed. 12/18/76 LAST NM 27/82		(6/86 CG17) 10/86
	Add	Buoy "2", yellow, Fl(5) Y 20s	54°07'47"N 165°47'44"W
16531	5Ed. 12/18/76 LAST NM 10/86		(26/86 CG17) 32/86
	Delete	Buoy "2" (See 10/86-16531)	54°07'47"N 165°47'44"W
16531	5Ed. 12/18/76 LAST NM 32/86		(FED REG 12/2/86) 4/87
	Add	"SAFETY FAIRWAY 166.400 (see note A)" area bound by purple line joining	54°25'54"N 165°42'00"W
		joining	54°22'50"N 165°06'54"W
		joining	54°25'54"N 165°08'24"W
		joining	54°25'54"N 165°01'18"W
		joining	54°22'10"N 164°59'29"W
		between	54°20'47"N 164°43'53"W
		between	54°22'02"N 165°43'26"W
			54°16'49"N 164°43'53"W

Note

"NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 9, or weekly Notice to Mariners which include new or revised regulations. Information concerning the regulations may be obtained at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.

Anchorage regulations may be obtained at the Office of the Commander, 17th Coast Guard District in Juneau, Alaska.

Refer to section numbers shown with area designation."

16531	5Ed. 12/18/76 LAST NM 4/87		54°25'00"N 166°05'00"W
	Substitute	Depth 8 fathoms enclosed by danger circle "(rep 1987)" for depth 14 fathoms	(CL532/87) 24/88
			53°58.6'N 166°03.9'W
★16532	4Ed. 9/23/78	NEW EDITION	(NOS) 48/78
★16532	4Ed. 9/23/78 LAST NM 48/78		(20/82 CG17) 27/82
	Add	Light "2" Fl R 6sec 169ft 5M	54°08'44.4"N 165°43'34.0"W
★16532	4Ed. 9/23/78 LAST NM 27/82		(49/85 CG17) 2/86
	Add	Buoy "2", yellow, Fl(5) Y 20s	54°07'47"N 165°47'44"W
★16532	4Ed. 9/23/78 LAST NM 2/86		(26/86 CG17) 32/86
	Delete	Buoy "2" (See 2/86-16532)	54°07'47"N 165°47'44"W
★16535	10Ed. 9/4/76	NEW EDITION	(NOS) 46/76

16535	10Ed. 9/4/76 LAST NM 46/76		
	Add	Ra Ref to buoy "1"	(42/76 CG17) 48/76 54°54'58"N 162°32'18"W
★16535	10Ed. 9/4/76 LAST NM 48/76		
	Change	Visibility (range) of light to 6M	(22/77 CG17) 29/77 54°48'08"N 162°43'24"W
★16535	10Ed. 9/4/76 LAST NM 29/77		
	Delete	Buoy	(12/78 CG17) 16/78 54°37.0'N 162°51.8'W
★16535	10Ed. 9/4/76 LAST NM 16/78		
	Relocate	Light (54°48.7'N 163°21.4'W) to	(30/78 CG17) 36/78 54°49.0'N 163°21.6'W
★16535	10Ed. 9/4/76 LAST NM 36/78		
	Add	Light Fl 4sec 7M (PA)	(17/81 CG17) 21/81 55°02.5'N 163°28.0'W
★16535	10Ed. 9/4/76 LAST NM 21/81		
	Delete	Buoy "3"	(18/81 CG17) 22/81 55°01.9'N 163°25.5'W
	Add	Buoy "BB", black and white stripes, Mo(A) BELL (May 1 to Dec 1)	55°06'20"N 163°27'45"W
★16535	10Ed. 9/4/76 LAST NM 22/81		
	Relocate	Buoys	(18, 20, 21/81 CG17) 25/81
		"2" (55°02.8'N 163°25.2'W) to	55°03'12"N 163°25'25"W
		"4" (55°01.7'N 163°25.7'W)	55°02'35"N 163°25'08"W
		"5" (55°00.8'N 163°25.5'W)	55°02'02"N 163°25'07"W
		"6" (55°00.1'N 163°25.3'W)	55°01'41"N 163°25'40"W
		"7" (54°59.5'N 163°24.4'W)	55°01'04"N 163°25'35"W
		"8" (54°59.4'N 163°23.7'W)	55°01'03"N 163°25'54"W
		"9" (54°59.4'N 163°23.2'W)	55°00'16"N 163°25'13"W
		"10" (54°58.8'N 163°22.7'W)	55°00'11"N 163°25'24"W
		"11" (54°58.3'N 163°22.0'W)	54°59'37"N 163°24'12"W
	Add	Buoys "1", black can, Ra Ref	55°04'46"N 163°27'34"W
		"12", red nun, Ra Ref	54°59'28"N 163°24'19"W
		"14", red nun, Ra Ref	54°59'12"N 163°23'30"W
		"15", black can, Ra Ref	54°59'12"N 163°22'57"W
		"16", red nun, Ra Ref	54°58'47"N 163°22'36"W
		"17", black can, Ra Ref	54°58'36"N 163°22'16"W
		"19", black can, Ra Ref	54°57'52"N 163°21'44"W
		"21", black, Fl G 4sec	54°56'54"N 163°21'27"W
★16535	10Ed. 9/4/76 LAST NM 25/81		
	Add	Note "RADAR REFLECTORS Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart."	(NOS) 38/81
★16535	10Ed. 9/4/76 LAST NM 38/81		54°57.0'N 163°07.0'W
	Add	Chartlets, depicting changes in buoyage, from back of Section I	(NOS) 39/81
		(A)	55°04'N 163°25'W
		(B)	54°58'N 163°24'W
★16535	10Ed. 9/4/76 LAST NM 39/81		
	Relocate	Buoy "16" close N to (See 39/81-16535)	(21/82 CG17) 28/82 54°58'56"N 163°22'42"W
★16535	10Ed. 9/4/76 LAST NM 28/82		
	Delete	Lines 13-18 "All...December 1." from note C (See 39/81-16535)	(7/83 CG17) 12/83 55°01.1'N 163°33.6'W
★16535	10Ed. 9/4/76 LAST NM 12/83		
	Change	Light to "2CP" Fl R 4sec 6M	(24/83 CG17) 30/83
		Color of beacon to red	55°02'25"N 163°27'57"W
			54°59'51"N 163°29'18"W
		Color of buoys, each to green	
		"5"	55°02'03"N 163°25'06"W
		"7"	55°01'04"N 163°25'35"W
		"9"	55°00'15"N 163°25'13"W
		"11"	54°59'37"N 163°24'13"W
		"15"	54°59'12"N 163°23'58"W
		"17"	54°58'35"N 163°22'18"W
		"19"	54°57'52"N 163°21'46"W
	Add	Lights "6RP" Fl R 6sec 52ft 6M	54°58'18.9"N 163°26'26.2"W
		"8" Fl R 6sec 5M	54°51'26.0"N 163°23'24.0"W

(continued on next page)

★16535 (Continued)
Add — Note in upper right margin of chart "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners." — 30/83

★16535 10Ed. 9/4/76 LAST NM 30/83
Change — Light to "4" Fl R 4sec 4M — (25/83 CG17) 37/83; 54°49'00"N 163°21'36"W

Add — Lights "3" Fl G 4sec 78ft 5M — 54°46'58"N 163°21'46"W
"5" Fl G 6sec 14ft 3M — 54°49'31"N 163°22'25"W
"1" Fl G 6sec 81ft 6M with obscured sector 297°-063° — 54°46'34"N 163°10'57"W

★16535 10Ed. 9/4/76 LAST NM 37/83
Add — Buoy "22", red (See 39/81-16535) — (40/83 CG17) 46/83; 54°56'54"N 163°21'53"W

★16535 10Ed. 9/4/76 LAST NM 46/83
Relocate — Buoy "14" close E to (See 39/81-16535) — (39/83 CG17) 48/83; 54°59'04"N 163°23'04"W

Buoy "15" (54°59'12"N 163°23'58"W) to and change designation to "13" (See 39/81-16535) — 54°59'12"N 163°22'57"W

Add — Buoys "15", green can — 54°59'00"N 163°22'34"W
"18", red nun — 54°58'33"N 163°22'32"W
"20", red nun — 54°57'49"N 163°22'09"W
(See 39/81-16535)

★16535 10Ed. 9/4/76 LAST NM 48/83
Add — Chartlets, depicting changes in aids to navigation, from back of Section I — (NOS) 25/84
(A) — 54°58'N 163°23'W
(B) — 55°04'N 163°29'W
(See 39/81-16535)

16535 10Ed. 9/4/76 LAST NM 25/84
Add — Stranded wreck (PA) — (CL663/84) 26/84; 54°51'30"N 162°31'36"W

16535 10Ed. 9/4/76 LAST NM 26/84
Change — Color of buoy "29" to green (See 25/84-16535) — (26/85 CG17) 33/85; 54°56'54"N 163°21'27"W

★16535 10Ed. 9/4/76 LAST NM 33/85
Change — Buoys — (9/86 CG17) 14/86
"1" to "2TP", red, Fl R 6s WHIS — 54°54'58"N 162°32'18"W
"2" to "1WC", green — 54°55'35"N 162°27'48"W

★16535 10Ed. 9/4/76 LAST NM 4/86
Relocate — Buoys "1" close NW to — (26/86 CG17) 32/86; 55°05.8'N 163°28.2'W
"2" close NW — 55°05.8'N 163°28.4'W
Buoy "BB" close SW to — 55°06.2'N 163°28.5'W
and change to "BB", red and white stripes, ball topmark, Mo(A) BELL

★16535 10Ed. 9/4/76 LAST NM 32/86
Relocate — Buoy "BB" (55°06.2'N 163°28.5'W) to (See 32/86-16535) — (49/86 CG17) 2/87; 55°06.2'N 163°28.6'W

★16535 10Ed. 9/4/76 LAST NM 2/87
Change — Color of buoy "1" to green — (12/88 CG17) 17/88; 54°42'54"N 162°59'47"W

★16535	10Ed. 9/4/76 LAST NM 17/88		(23, 24/88 CG17) 30/88
	Substitute	Bn, each red for lights	
		"4"	54°49′00″N 163°21′36″W
		"2CP"	55°02′23″N 163°27′58″W
		"6PR"	54°58′19″N 163°26′26″W
		(See 25/84-16535)	
★16535	10Ed. 9/4/76 LAST NM 30/88		
	Relocate	Light "7" close E to	(26/88 CG17) 33/88
			55°03′51″N 163°25′11″W
		Buoys "1" (55°05.8′N 163°28.2′W) to	
		"2" (55°05.8′N 163°28.4′W)	55°05′37″N 163°28′04″W
		"3" close NW	55°05′48″N 163°28′28″W
		"5" close SW	55°04′50″N 163°27′44″W
		"8" close S	55°04′03″N 163°26′24″W
		"17" close SE	55°03′00″N 163°25′29″W
		"22" close E	55°00′23″N 163°25′28″W
		"30" close SW	54°59′06″N 163°23′07″W
		(See 39/81-16535)	54°56′50″N 163°22′00″W
16535	10Ed. 9/4/76 LAST NM 33/88		
	Delete	Light	(28/88 CG17) 34/88
			54°48.1′N 162°43.4′W
★16535	10Ed. 9/4/76 LAST NM 34/88		
	Relocate	Buoys "14" close SE to	(12/89 CG17) 17/89
		"8" (55°03′00″N 163°25′29″W)	55°01′24″N 163°25′23″W
		(See 25/84, 23/88-16535)	55°03′03″N 163°25′14″W
★16535	10Ed. 9/4/76 LAST NM 17/89		
	Relocate	Buoys	(21/89 CG17) 25/89
		"8" (55°03′03″N 163°25′14″W) to	
		"10" close SE	55°03′08″N 163°25′20″W
		"11" close SE	55°02′33″N 163°24′59″W
		"14" (55°01′24″N 163°25′23″W)	55°02′01″N 163°25′04″W
		(See 39/81, 25/84, 17/89-16535)	55°01′39″N 163°25′39″W
★16540	11Ed. 3/4/89	NEW EDITION	(NOS) 18/89
★16547	7Ed. 5/6/78	NEW EDITION	(NOS) 30/78
16547	7Ed. 5/6/78 LAST NM 30/78		
	Delete	Light	(24/88 CG17) 30/88
			54°48′06″N 162°43′22″W
★16549	13Ed. 12/27/80	NEW EDITION	(NOS) 12/81
★16549	13Ed. 12/27/80 LAST NM 12/81		
	Add	Designation to lights "2"	(18/82 CG17) 24/82
		"5"	55°06′18″N 162°31′28″W
			55°11′33″N 162°38′36″W
★16549	13Ed. 12/27/80 LAST NM 24/82		
	Add	Light Fl 4sec 23ft 5M	(40/83 CG17) 46/83
			54°59′10″N 162°17′58″W
★16549	13Ed. 12/27/80 LAST NM 46/83		
	Add	Stranded wreck (PA)	(CL663/84) 26/84
			54°51′30″N 162°31′36″W
★16549	13Ed. 12/27/80 LAST NM 26/84		
	Delete	Designation "5" from light	(25/84 CG17) 30/84
			55°11′34″N 162°38′36″W
	Change	Buoys to "1", green, Fl G 2.5s GONG	
		"4", red, Fl R 6s	55°11′20″N 161°52′21″W
		"5", green, Fl G 2.5s	55°07′05″N 161°56′11″W
			55°01′48″N 161°55′12″W
		Characteristic of lights to	
		Fl R 4s	
		Fl R 4s	55°06′18″N 162°31′26″W
		and add designation "2"	55°12′23″N 161°54′12″W
		Fl G 4s	
		and add designation "3"	55°06′39″N 161°55′20″W
	Add	Buoy "6", red	55°02′06″N 161°55′54″W

(continued on next page)

★16549	(Continued)		30/84
	Add	Note in upper right margin of chart "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	
★16549	13Ed. 12/27/80 LAST NM 30/84		(NOS) 6/85
	Add	Charlet, depicting changes in hydrography, from back of Section I	55°03'34"N 162°19'25"W
16549	13Ed. 12/27/80 LAST NM 6/85		(26/85 CG17) 33/85
	Change	Buoy "1" to "2TP", red, Fl R 6s WHIS	54°54'58"N 162°32'18"W
		Designation of buoy "2" to "1WC" and color to green	54°55'35"N 162°27'48"W
★16549	13Ed. 12/27/80 LAST NM 33/85		(39/85 CG17) 43/85
	Change	Color of buoy "3" to green	55°06'44"N 162°31'53"W
★16549	13Ed. 12/27/80 LAST NM 43/85		(26/87 CG17) 37/87
	Change	Color of buoy "1" to green	55°05.6'N 162°31.8'W
★16549	13Ed. 12/27/80 LAST NM 37/87		(40/87 CG17) 48/87
	Relocate	Buoy "1" close NE to	55°11'30"N 161°52'21"W
★16549	13Ed. 12/27/80 LAST NM 48/87		(24/88 CG17) 30/88
	Delete	Lights	54°48'06"N 162°43'23"W 55°04'22"N 162°03'00"W
★16551	7Ed. 10/23/76	NEW EDITION	(NOS) 4/77
★16551	7Ed. 10/23/76 LAST NM 4/77		(41/78 CG17) 46/78
	Change	Visibility (range) of light to 7M	55°24'30"N 160°43'27"W
★16553	2Ed. 3/19/83	NEW EDITION	(NOS) 23/83
★16553	2Ed. 3/19/83 LAST NM 23/83		(16/84 CG17) 22/84
	Delete	Buoy "1"	55°14'15"N 160°33'06"W
★16553	2Ed. 3/19/83 LAST NM 22/84		(26/84 CG17) 30/84
		(And Inset Popof Strait)	
	Change	Lights to "1" Fl G 4s 50ft 5M	55°21'21"N 160°30'10"W
		"7" Fl G 4s 20ft 4M	55°19'13"N 160°31'34"W
		Note: Sectors unchanged	
		Buoys	
		"1" to "3" black, Fl G 6s	55°20'47"N 160°30'59"W
		"3" to "5" black, Fl G 2.5s BELL	55°20'14"N 160°30'54"W
		"2" to "4" red, Fl R 4s	55°20'18"N 160°31'13"W
16553	2Ed. 3/19/83 LAST NM 30/84		(26/84 CG17) 41/84
		(And Inset Popof Strait)	
	Change	Color of buoy "5" to green	55°20'14"N 160°30'54"W
		(See 30/84-16553)	
★16553	2Ed. 3/19/83 LAST NM 41/84		(BP124163) 52/84
		(Inset Popof Strait)	
	Change	Legend to "17 FT FOR MIDDLE WIDTH OF 80 FT OCT 1984"	55°20'00"N 160°29'48"W

★16553	2Ed. 3/19/83 LAST NM 52/84		(CL12/86) 8/86
	Add	(And Inset Popof Strait) Dashed line "Sewer" between	55°20′32″N 160°30′08″W 55°20′40″N 160°30′03″W
★16553	2Ed. 3/19/83 LAST NM 8/86		(38/87 CG17) 45/87
	Add	Submarine pipeline "Sewer Outfall" between	55°21′25″N 160°29′00″W 55°21′34″N 160°28′50″W
		Buoys (2), yellow (Priv maintd)	55°21′34″N 160°28′50″W
★16553	2Ed. 3/19/83 LAST NM 45/87		(12/88 CG17) 17/88
	Change	(And Inset Popof Strait) Color of buoy "3" to green	55°20′47″N 160°30′59″W
★16553	2Ed. 3/19/83 LAST NM 17/88		(23/88 CG17) 30/88
	Substitute	Bn, red and white for light	55°21′46″N 160°21′38″W
	Substitute	(And Inset Popof Strait) Bn "3", green for light "3"	55°19′59″N 160°29′56″W
★16556	2Ed. 1/22/83	NEW EDITION	(NOS) 11/83
★16566	6Ed. 7/10/82	NEW EDITION	(NOS) 37/82
★16568	5Ed. 12/9/78	NEW EDITION	(NOS) 8/79
★16568	5Ed. 12/9/78 LAST NM 8/79		(24/79 CG17) 28/79
	Add	Rock awash (PA)	56°42.8′N 157°08.7′W
★16568	5Ed. 12/9/78 LAST NM 28/79		(35/82 CG17) 45/82
	Add	Depths 2¼ fathoms	57°23′15″N 156°15′28″W
		4½ fathoms	57°21′05″N 156°17′35″W
		1¾ fathoms	57°19′58″N 156°20′00″W
		2½ fathoms	57°18′42″N 156°17′57″W
		3 fathoms	57°12′31″N 156°15′13″W
		¾ fathom	57°12′01″N 156°17′00″W
		2 fathoms	57°11′59″N 156°17′08″W
		5¾ fathoms	57°11′56″N 156°16′03″W
16568	5Ed. 12/9/78 LAST NM 45/82		(43/82 CG17) 48/82
	Substitute	Depth ¾ fathom for 5½ fathoms	57°19′52″N 156°17′53″W
16568	5Ed. 12/9/78 LAST NM 48/82		(CL13/83) 9/83
	Relocate	Depth 4½ fathoms (57°21′05″N 156°17′35″W) to (See 45/82-16568)	57°21′05″N 156°17′47″W
	Substitute	Depth ¼ fathom for ¾ fathom (Supersedes 48/82-16568)	57°19′51.5″N 156°17′52.5″W
	Add	Depths ¼ fathom	57°23′13″N 156°15′00″W
		4½ fathoms	57°23′32″N 156°15′19″W
		1¾ fathoms	57°22′05″N 156°15′21″W
		1¼ fathoms	57°23′20″N 156°15′33″W
16568	5Ed. 12/9/78 LAST NM 9/83		(31/83, 14/84 CG17) 24/84
	Add	Depths 4¾ fathoms	57°23′24″N 156°11′10″W
		4¾ fathoms	57°22′57″N 156°12′13″W
		¼ fathom	57°23′52″N 156°11′49″W
		½ fathom	57°23′06″N 156°13′12″W
		Drying height 1 foot	57°25′40″N 156°09′44″W
★16568	5Ed. 12/9/78 LAST NM 24/84		(34/84 CG17) 39/84
	Delete	Light	56°32′10″N 156°58′25″W
16568	5Ed. 12/9/78 LAST NM 39/84		(17/85 CG17) 21/85
	Substitute	Depth 4 fathoms for 4½ fathoms	57°21′05″N 156°17′47″W
	Add	Rock awash	57°17′36″N 156°18′24″W
		Depths 2¼ fathoms	57°19′48″N 156°17′54″W
		5¾ fathoms	57°17′36″N 156°17′45″W
★16568	5Ed. 12/9/78 LAST NM 21/85		(CL1066/85) 49/85
	Add	Depth 6¾ fathoms	57°13′36.4″N 156°20′39.7″W

★16568	5Ed. 12/9/78 LAST NM 49/85		(44/85 CG17) 50/85
	Add	Depth 9¾ fathoms	57°12′46.8″N 156°17′46.1″W
★16568	5Ed. 12/9/78 LAST NM 50/85		(3 37/84 CG17) 10/86
	Substitute	Depth 8 fathoms for 13 fathoms	57°17′03″N 156°15′45″W
	Add	Depths 9¾ fathoms	57°15′22″N 156°09′18″W
		9 fathoms	57°15′30″N 156°10′33″W
		6¾ fathoms	57°15′07″N 156°10′52″W
		9¾ fathoms	57°15′06″N 156°11′15″W
		6¾ fathoms	57°14′38″N 156°12′46″W
		9¾ fathoms	57°18′39″N 156°14′25″W
		7½ fathoms	57°18′21″N 156°15′00″W
		8¼ fathoms	57°18′12″N 156°15′36″W
		9¼ fathoms	57°16′40″N 156°16′28″W
★16568	5Ed. 12/9/78 LAST NM 10/86		(40/86 CG17) 45/86
	Add	Depths 5¾ fathoms	57°07′00″N 156°26′07″W
		3½ fathoms	57°06′58″N 156°25′29″W
		7¾ fathoms	57°07′42″N 156°22′41″W
		5½ fathoms	57°07′32″N 156°21′59″W
		7½ fathoms	57°10′46″N 156°16′09″W
		4 fathoms	57°04′47″N 156°22′44″W
		4 fathoms	57°04′31″N 156°22′15″W
		6 fathoms	57°02′48″N 156°25′19″W
		1¾ fathoms Rk	57°04′04″N 156°22′45″W
		¼ fathom Rk	57°07′19″N 156°24′10″W
		3¾ fathoms Rk	57°05′00″N 156°22′11″W
		¾ fathom Rk	57°04′06″N 156°24′22″W
		¼ fathom Rk	57°06′45″N 156°27′18″W
		Rock awash	57°08′44″N 156°20′42″W
★16568	5Ed. 12/9/78 LAST NM 45/86		(MCNM7880/87) 6/87
	Add	Depths, 6¼ fathoms	57°07′09″N 156°26′41″W
		5½ fathoms	57°04′50″N 156°25′50″W
★16568	5Ed. 12/9/78 LAST NM 6/87		(2/87 CG17) 7/87
	Add	Depths 4½ fathoms Rk	57°04′44″N 156°21′44″W
		5 fathoms Rk	57°04′52″N 156°21′57″W
		3 fathoms Rk	57°05′00″N 156°22′10″W
★16568	5Ed. 12/9/78 LAST NM 7/87		(MCNM7996/87) 45/87
	Add	Depths 4 fathoms	57°00.0′N 156°28.9′W
		7½ fathoms	56°59.7′N 156°28.2′W
		5½ fathoms	56°58.3′N 156°30.9′W
		4½ fathoms	56°57.7′N 156°30.6′W
		7¼ fathoms	56°56.8′N 156°30.3′W
		4¼ fathoms	57°01.3′N 156°28.9′W
		Rock "Uncov 2ft"	57°00.6′N 156°27.5′W
		"Uncov 2ft"	57°01.3′N 156°28.2′W
★16568	5Ed. 12/9/78 LAST NM 45/87		(CL79/88) 25/88
	Add	Depth 36 fathoms "Rep (1988)"	56°40.2′N 156°42.3′W
★16568	5Ed. 12/9/78 LAST NM 25/88		(MCNM8049/88) 38/88
	Add	Depths 1¼ fathoms Rk	57°00′27″N 156°32′43″W
		4¾ fathoms Rk	56°59′14″N 156°32′13″W
		¼ fathom Rk	56°59′30″N 156°27′45″W
		9¾ fathoms	56°57′21″N 156°30′34″W
16568	5Ed. 12/9/78 LAST NM 38/88		(MCNM8049/88) 39/88
	Add	Depth 1 fathom Rk	56°52′10″N 156°37′27″W
★16568	5Ed. 12/9/78 LAST NM 39/88		(39/88 CG17) 45/88
	Add	Depths 6½ fathoms Rk	56°53′14″N 156°34′42″W
		5¼ fathoms Rk	56°52′51″N 156°34′20″W
		6¾ fathoms Rk	56°52′36″N 156°33′32″W
		8½ fathoms Rk	56°50′55″N 156°34′36″W
		9½ fathoms	56°56′40″N 156°36′27″W
		9½ fathoms	56°52′55″N 156°33′47″W
		10 fathoms	56°53′12″N 156°33′48″W
		4¾ fathoms	56°56′36″N 156°35′54″W
		10 fathoms	56°56′38″N 156°35′35″W
		11 fathoms	56°52′49″N 156°36′44″W
		5 fathoms Rk	56°53′26″N 156°38′03″W
		7½ fathoms	56°53′41″N 156°40′02″W

(continued on next page)

★16568 (Continued)
Add

	7 fathoms	45/88
	4¼ fathoms Rk	56°54′40″N 156°40′22″W
	6¾ fathoms Rk	56°55′24″N 156°39′03″W
	6 fathoms Rk	56°52′37″N 156°39′19″W
	7¾ fathoms Rk	56°55′28″N 156°37′22″W
	10¾ fathoms	56°54′19″N 156°38′27″W
	10¾ fathoms	56°51′53″N 156°39′33″W
	7½ fathoms	56°54′42″N 156°39′41″W
	4¼ fathoms	56°54′39″N 156°38′54″W
	10¾ fathoms	56°54′51″N 156°38′34″W
	10¾ fathoms	56°52′56″N 156°39′18″W
	8½ fathoms	56°52′47″N 156°38′07″W
	10¼ fathoms	56°52′35″N 156°37′04″W
	10¼ fathoms	56°52′58″N 156°36′58″W
	10½ fathoms	56°51′56″N 156°41′45″W
		56°54′45″N 156°40′49″W

★16568 5Ed. 12/9/78 LAST NM 45/88
Add — Depths 9¾ fathoms (CL880/88) 4/89
9¼ fathoms 56°57′31″N 156°35′34″W
9½ fathoms 56°57′15″N 156°35′09″W
56°58′28″N 156°33′30″W

★16570 9Ed. 11/19/88 NEW EDITION (NOS) 3/89

★16576 1Ed. 11/16/85 NEW CHART (NOS) 4/86

16576 1Ed. 11/16/85 LAST NM 4/86
Delete — Designation "8" from light (32/86 CG17) 37/86
and change characteristic to Fl 2.5s 58°02′20″N 153°21′48″W

★16580 8Ed. 10/31/81 NEW EDITION
Substitute — Depth 3¼ fathoms for 12 fathoms (NOS; 51/81 CG17) 4/82
(Previously published 1/82) 58°10.9′N 153°35.0′W

Add — Depths 1 fathom
2½ fathoms 58°06.9′N 152°36.4′W
4¼ fathoms 58°09.2′N 152°35.6′W
2¾ fathoms 58°10.3′N 152°35.3′W
(Previously published 1/82) 58°10.8′N 152°34.3′W

Add — Light "2" Fl 57°52′18″N 152°51′45″W

16580 8Ed. 10/31/81 LAST NM 4/82
Add — Designation "K" to buoy (13/82 CG17) 19/82
57°59.5′N 153°10.0′W

16580 8Ed. 10/31/81 LAST NM 19/82
Relocate — Buoy close W to (26/82 CG17) 32/82
57°55′15″N 152°46′55″W

Change — Designation of light "9" to "7" 57°57.9′N 153°04.0′W

Light to Fl R
and add designation "6" 57°58.7′N 152°58.9′W

Add — Designation to lights "1" 57°57.4′N 153°06.0′W
"8" 58°02.3′N 153°21.8′W

16580 8Ed. 10/31/81 LAST NM 32/82
Change — Buoy "4" to black, Fl G 2½sec (34/82 CG17) 40/82
GONG and designation to "1"

Buoy "1" to red, Fl R 4sec BELL 56°44.9′N 153°53.0′W
and designation to "4"

Buoy "2" to black can and 56°43.7′N 153°59.0′W
designation to "3"

Light to Fl G 6sec 5M 56°43.5′N 153°58.4′W
and add designation "5" 56°43.9′N 154°03.0′W

16580 8Ed. 10/31/81 LAST NM 40/82
Delete — Light (44/82 CG17) 5/83
57°19′25″N 152°54′51″W

★16580 8Ed. 10/31/81 LAST NM 5/83
Delete — Depth 48 fathoms (H9888) 15/83
57°59′30″N 154°34′30″W

(continued on next page)

★16580	(Continued)		15/83
	Add	Depths 10½ fathoms	57°58′30″N 154°35′30″W
		14 fathoms	57°58′45″N 154°39′15″W
		15 fathoms	58°00′00″N 154°35′30″W
16580	8Ed. 10/31/81 LAST NM 15/83		
	Change	Buoy "1" to green, Fl G WHISTLE	(23/83 CG17) 29/83 57°50.3′N 152°09.0′W
	Add	Note "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red and green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	57°25.5′N 153°25.5′W
★16580	8Ed. 10/31/81 LAST NM 29/83		
	Delete	Depth 4¼ fathoms	(BP120253) 43/83 58°04′15″N 154°31′15″W
	Add	Depth ¾ fathom	58°04′38″N 154°31′02″W
16580	8Ed. 10/31/81 LAST NM 43/83		
	Relocate	Light "2" (57°52′18″N 152°51′45″W) to and change characteristic to Fl R	(42/83 CG17) 47/83 57°52′23.4″N 152°51′41.4″W
16580	8Ed. 10/31/81 LAST NM 47/83		
	Change	Characteristic of light to Fl R and add designation "2"	(41/83 CG17) 48/83 56°53′36″N 154°12′45″W
	Add	Buoy "1", green can	56°54′50″N 154°07′44″W
		Light "2" Fl R 5M	56°58′22″N 154°06′18″W
16580	8Ed. 10/31/81 LAST NM 48/83		
	Change	Color of buoy "KE" to green and red bands (topmost band green)	(12/84 CG17) 17/84 58°55.8′N 151°25.8′W
16580	8Ed. 10/31/81 LAST NM 17/84		
	Add	Danger circle "Subm obstr" (PA)	(CL360/84) 18/84 57°20′51″N 152°16′39″W
16580	8Ed. 10/31/81 LAST NM 18/84		
	Add	Depth 7 fathoms	(NOS) 19/84 58°54′54″N 152°05′08″W
16580	8Ed. 10/31/81 LAST NM 19/84		
	Change	Color of buoy "1" to black (See 29/83-16580)	(14/84 CG17) 24/84 57°50.3′N 52°09.0′W
★16580	8Ed. 10/31/81 LAST NM 24/84		
	Add	Depths 7½ fathoms	(H9902, 9897) 27/84 57°56′17″N 154°50′53″W
		9¾ fathoms	57°55′17″N 154°51′20″W
		4¼ fathoms	57°58′10″N 154°57′45″W
★16580	8Ed. 10/31/81 LAST NM 27/84		
	Add	Depth ½ fathom	(H9903) 31/84 57°56′25″N 155°02′38″W
16580	8Ed. 10/31/81 LAST NM 31/84		
	Change	Color of buoy "1" to black (Cancels 24/84-16580)	(14/84 CG17) 32/84 57°50.3′N 152°09.0′W
16580	8Ed. 10/31/81 LAST NM 32/84		
	Change	Color of buoy "1" to green	(34/84 CG17) 39/84 57°25.7′N 153°50.5′W
	Add	Bn "1", green (PA)	57°52.2′N 152°51.4′W

16580	8Ed. 10/31/81 LAST NM 39/84			
	Delete	Bn "1"		(37, 40/84 CG17) 44/84
		(See 39/84-16580)		57°52.2'N 152°51.4'W
	Change	Characteristic of light "2" to Fl R		57°54.7'N 152°30.2'W
	Add	Bn "1", green (PA)		57°52.4'N 152°51.4'W
16580	8Ed. 10/31/81 LAST NM 44/84			
	Add	Depths 9¾ fathoms		(46/84 CG17) 2/85
		6 fathoms		58°54'33"N 152°22'06"W
		8½ fathoms		58°52'04"N 152°19'40"W
		8¾ fathoms		58°52'08"N 152°18'58"W
		6⅞ fathoms		58°52'57"N 152°12'34"W
		4½ fathoms		58°53'34"N 152°11'46"W
				58°54'46"N 152°05'10"W
16580	8Ed. 10/31/81 LAST NM 2/85			
	Change	Color of buoy "5" to green		(49/84 CG17) 3/85
				57°49.4'N 152°17.5'W
16580	8Ed. 10/31/81 LAST NM 3/85			
	Delete	Designation "9" from light		(17/85 CG17) 21/85
				57°55.6'N 152°35.2'W
16580	8Ed. 10/31/81 LAST NM 21/85			
	Relocate	Buoy "KE" close E to		(48/84 CG17) 24/85
				58°55'47.4"N 151°25'40.1"W
16580	8Ed. 10/31/81 LAST NM 24/85			
	Delete	Designation "1" from light		(27/85 CG17) 32/85
				58°09.5'N 153°13.1'W
	Change	Characteristic of buoy "2" to Fl R		57°51.5'N 152°51.4'W
		Lights, each to Fl G		
		"1"		
		(undesignated)		57°57.4'N 153°06.0'W
				57°54.8'N 152°46.9'W
		Characteristic of light "3" to Fl R 2.5s		58°02.3'N 153°21.8'W
		Light to "2", Fl R 5M		58°29.0'N 152°38.9'W
★16580	8Ed. 10/31/81 LAST NM 32/85			
	Delete	Designation "8" from light and change characteristic to Fl 2.5s		(32/86 CG17) 37/86 58°02.3'N 153°22.0'W
		Designation "2" from light and change characteristic to Fl 4s		58°29.0'N 152°38.9'W
16580	8Ed. 10/31/81 LAST NM 37/86			
	Delete	Designation "1" from light and change characteristic to Fl		(33/86 CG17) 39/86 57°57.4'N 153°06.1'W
16580	8Ed. 10/31/81 LAST NM 39/86			
	Change	Characteristic of light to Q		(39/86 CG17) 43/86 57°50.1'N 152°18.9'W
★16580	8Ed. 10/31/81 LAST NM 43/86			
	Change	Buoy "KE" to black and red bands (topmost band black), can		(48/86 CG17) 52/86
		Color of buoy "1" to green		58°55.8'N 151°25.9'W 56°44.9'N 153°53.0'W
16580	8Ed. 10/31/81 LAST NM 52/86			
	Delete	Position circle "Loran C Tower (655ft)"		(13/87 CG17) 19/87 56°32.4'N 154°07.6'W
16580	8Ed. 10/31/81 LAST NM 19/87			
	Change	Characteristic of buoy "1" to Fl G 4s		(30/87 CG17) 41/87 57°42.8'N 152°14.1'W
16580	8Ed. 10/31/81 LAST NM 41/87			
	Change	Characteristic of light to Fl R		(35/87 CG17) 44/87 57°12.3'N 153°09.5'W
16580	8Ed. 10/31/81 LAST NM 44/87			
	Delete	Light		(2/88 CG17) 8/88 57°16.7'N 152°42.4'W
★16580	8Ed. 10/31/81 LAST NM 8/88			
	Change	Color of buoy "KE" to green and red bands (topmost band green)		(9, 12/88 CG17) 17/88
		Color of buoy "1" to green		58°55.8'N 151°25.7'W
				57°50.4'N 152°08.7'W

16580	8Ed. 10/31/81 LAST NM 17/88		
	Change	Color of buoy "K" to green and red bands (topmost band green)	(13/88 CG17) 18/88 57°59.8'N 153°10.1'W
16580	8Ed. 10/31/81 LAST NM 18/88		
	Change	Light to Fl 6s 120ft 8M	(23/88 CG17) 30/88 58°55.0'N 151°57.0'W
16580	8Ed. 10/31/81 LAST NM 30/88		
	Delete	Light	(25/88 CG17) 31/88 57°38.4'N 154°20.9'W
★16590	9Ed. 3/25/89	NEW EDITION	(NOS) 23/89
★16591	7Ed. 6/21/86	NEW EDITION	(NOS) 35/86
★16592	8Ed. 5/26/79	NEW EDITION	(NOS) 33/79
★16592	8Ed. 5/26/79 LAST NM 33/79		
	Change	Light to I Qk Fl R 40ft 3M and add designation "N"	(33/82 CG17) 39/82 57°12'15"N 153°09'27"W
	Change	(And Inset) Characteristic of light to Fl R 4sec and add designation "2"	57°13'07"N 153°12'53"W
		Buoy "2" to black, Fl G 2½sec and designation to "3"	57°12'51"N 153°14'53"W
		Characteristic of light to Fl R 6sec	57°12'36"N 153°16'26"W
★16592	8Ed. 5/26/79 LAST NM 39/82		
	Delete	Light	(44/82 CG17) 5/83 57°19'25"N 152°54'51"W
★16592	8Ed. 5/26/79 LAST NM 5/83		
	Change	(And Inset) Color of buoy "3" to green	(37/84 CG17) 44/84 57°12'51"N 153°14'53"W
★16592	8Ed. 5/26/79 LAST NM 44/84		
	Delete	(And Inset) Bn "1"	(45/85 CG17) 50/85 57°12'32"N 153°17'45"W
★16592	8Ed. 5/26/79 LAST NM 50/85		
	Change	Characteristic of light "N" to Fl(2+1) R 6s	(35/87 CG17) 44/87 57°12'17"N 153°09'27"W
16592	8Ed. 5/26/79 LAST NM 44/87		
	Delete	Light	(2/88 CG17) 8/88 57°16'44"N 152°42'38"W
★16593	9Ed. 10/15/83	NEW EDITION	
	Change	Color of buoy "SP" to red and white stripes	(NOS; 49/83 CG17) 1/84 57°44.1'N 152°24.2'W
★16593	9Ed. 10/15/83 LAST NM 1/84		
	Add	Danger circle "Subm obstr" (PA)	(CL360/84) 18/84 57°20'51"N 152°16'39"W
16593	9Ed. 10/15/83 LAST NM 18/84		
	Relocate	Buoy "3" close N to	(4/85 CG17) 9/85 57°44'27.9"N 152°25'24.8"W
16593	9Ed. 10/15/83 LAST NM 9/85		
	Change	Color of buoy "5" to green	(29/85 CG17) 33/85 57°44'31"N 152°25'58"W
16593	9Ed. 10/15/83 LAST NM 33/85		
	Delete	Buoy "1"	(4/86 CG17) 9/86 57°43'10"N 152°23'05"W
16593	9Ed. 10/15/83 LAST NM 9/86		
	Change	Characteristic of buoy "1" to Fl G 4s	(30/87 CG17) 41/87 57°42.8'N 152°14.1'W
★16593	9Ed. 10/15/83 LAST NM 41/87		
	Delete	Light	(2/88 CG17) 8/88 57°16'44"N 152°42'38"W
16593	9Ed. 10/15/83 LAST NM 8/88		
	Delete	Buoy	(23/88 CG17) 30/88 57°44'33"N 152°27'06"W

★16594	11Ed. 3/19/88 Change	NEW EDITION Color of buoys, each to green "1" "15" (undesignated)	(NOS; 12, 13, 18/88 CG17) 24/88 57°50'17"N 152°09'30"W 57°47'25"N 152°23'15"W 57°45'15"N 152°26'58"W
		Color of buoy "K" to green and red bands (topmost band green)	57°59'35"N 153°10'45"W
16594	11Ed. 3/19/88 LAST NM 24/88 Delete	Buoy	(23/88 CG17) 30/88 57°44'29"N 152°27'15"W
16594	11Ed. 3/19/88 LAST NM 30/88 Change	(Inset Ouzinkie Harbor) Color of buoy "7" to green	(NOS) 36/88 57°55'02"N 152°32'55"W
★16595	11Ed. 1/30/88 Change	NEW EDITION Color of buoys, each to green "15" "11" "7"	(NOS; 12, 18/88 CG17) 26/88 57°47'26"N 152°23'12"W 57°43'25"N 152°29'25"W 57°45'16"N 152°26'59"W
		Note to "LOCAL MAGNETIC DISTURBANCE Differences as much as 20° to 40° from the normal variation have been observed at latitude 57°43'51"N and longitude 152°30'50"W."	
	Add	Chartlet, depicting changes in topography and aids to navigation, from back of Section I	57°46'42"N 152°33'30"W
	Add	(Inset) Chartlet, depicting changes in topography and aids to navigation, from back of Section I	57°46'39"N 152°24'47"W
16595	11Ed. 1/30/88 LAST NM 26/88 Delete	Buoy "1"	57°47'13"N 152°24'02"W (23/88 CG17) 30/88 57°44'29"N 152°27'15"W
★16595	11Ed. 1/30/88 LAST NM 30/88 Delete	(And Inset) Light "2"	(34/88 CG17) 42/88
	Add	Bn "2" (See 26/88-16595)	57°47'08"N 152°24'32"W 57°47'07"N 152°24'32"W
★16596	10Ed. 10/31/87	NEW EDITION	
★16596	10Ed. 10/31/87 LAST NM 2/88 Change	Color of buoy "11" to green	(NOS) 2/88 (12/88 CG17) 17/88 57°43'25"N 152°29'25"W
★16596	10Ed. 10/31/87 LAST NM 17/88 Change	Color of buoy "7" to green	(18/88 CG17) 23/88 57°45'15"N 152°26'59"W
★16596	10Ed. 10/31/87 LAST NM 23/88 Delete	Buoy "1"	(23/88 CG17) 30/88 57°44'29"N 152°27'15"W
★16597	7Ed. 8/14/82	NEW EDITION	
★16597	7Ed. 8/14/82 LAST NM 42/82 Change	Color of buoy "1" to green	(NOS) 42/82 (34/84 CG17) 39/84 57°25'36"N 153°50'39"W
	Add	Note "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are:	

(continued on next page)

★16597	(Continued) Add	black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	
★16597	7Ed. 8/14/82 LAST NM 39/84 Change	Loran-C rate 9990-Y time difference number to 32305	(19/89 CG17) 23/89 57°58'27"N 153°32'14"W
★16598	7Ed. 10/10/81	NEW EDITION	(NOS) 51/81
★16598	7Ed. 10/10/81 LAST NM 51/81 Delete	Light	(25/88 CG17) 31/88 57°38'25"N 154°20'51"W
★16599	5Ed. 6/27/81	NEW EDITION	(NOS) 34/81
16599	5Ed. 6/27/81 LAST NM 34/81 Relocate	(Inset Larsen Bay) Buoy "1" close NE to	(34/85 CG13) 38/85 57°32'42"N 153°58'29"W
★16601	9Ed. 2/25/89	NEW EDITION	(NOS) 20/89
★16603	6Ed. 9/24/83	NEW EDITION	(NOS) 48/83
★16604	9Ed. 9/10/83	NEW EDITION	(NOS) 47/83
★16604	9Ed. 9/10/83 LAST NM 47/83 Change	Characteristic of light to Fl R 4s and add designation "2"	(27/85 CG17) 32/85 58°29'00"N 152°39'02"W
★16604	9Ed. 9/10/83 LAST NM 32/85 Delete	Designation "1" from light	(46/85 CG17) 1/86 58°09'38"N 153°13'17"W
16604	9Ed. 9/10/83 LAST NM 1/86 Delete	Designation "2" from light and change characteristic to Fl 4s	(32/86 CG17) 37/86 58°28'59"N 152°39'02"W
★16605	7Ed. 4/23/83	NEW EDITION	(NOS) 26/83
16605	7Ed. 4/23/83 LAST NM 26/83 Change	Characteristic of light to Fl R 4s and add designation "2"	(27/85 CG17) 32/85 58°28'59"N 152°39'01"W
16605	7Ed. 4/23/83 LAST NM 32/85 Delete	Designation "2" from light and change characteristic to Fl 4s	(32/86 CG17) 37/86 58°28'59"N 152°39'02"W
★16606	8Ed. 3/30/85	NEW EDITION	(NOS) 23/85
16606	8Ed. 3/30/85 LAST NM 23/85 Change	Characteristic of light "1" to Fl G 2.5s and visibility (range) to 5M	(37/86 CG17) 42/86 59°07.1'N 151°38.3'W
16606	8Ed. 3/30/85 LAST NM 42/86 Change	Buoy "KE" to black and red bands (topmost band black), can	(48/86 CG17) 52/86 58°55'48"N 51°25'50"W
16606	8Ed. 3/30/85 LAST NM 52/86 Change	Color of buoy "KE" to green and red bands (topmost band green)	(9/88 CG17) 17/88 58°55'48"N 151°25'42"W
★16606	8Ed. 3/30/85 LAST NM 17/88 Change	Light to Fl 6s 120ft 8M	(23/88 CG17) 30/88 58°54'59"N 151°56'59"W

★16608	1Ed. 2/26/83	NEW CHART	(NOS) 17/83
★16640	20Ed. 4/5/86	NEW EDITION	
	Delete	Designation "2" from light Light (Previously published 27/86)	(NOS; 22/86 CG17) 29/86 59°33.1'N 151°27.9'W 59°36.1'N 151°24.6'W
	Change	Designation of light "4" to "2" (Previously published 27/86)	59°35.1'N 151°19.6'W
	Change	Characteristic of light to Fl 4s and delete designation "1"	60°03'19"N 151°39'46"W
16640	20Ed. 4/5/86 LAST NM 29/86		
	Delete	Designation "1" from light and change characteristic to Fl 6s	(30/86 CG17) 35/86 59°27.2'N 151°43.2'W
★16640	20Ed. 4/5/86 LAST NM 35/86		
	Delete	Designation "2" from light and change characteristic to Fl 4s	(31/86 CG17) 37/86 59°22.4'N 151°53.2'W
		Designation "4" from light and change characteristic to Fl(2) 5s	59°12.6'N 151°46.4'W
16640	20Ed. 4/5/86 LAST NM 37/86		
	Change	Characteristic of light "1" to Fl G 2.5s and visibility (range) to 5M	(37/86 CG17) 42/86 59°07.1'N 151°38.3'W
16640	20Ed. 4/5/86 LAST NM 42/86		
	Change	Buoy "KE" to black and red bands (topmost band black), can	(48/86 CG17) 52/86 58°55.8'N 151°25.9'W
16640	20Ed. 4/5/86 LAST NM 52/86		
	Change	Color of buoy "1" to green	(32/87 CG17) 42/87 59°22.8'N 151°54.1'W
16640	20Ed. 4/5/86 LAST NM 42/87		
	Change	Characteristic of light to Fl 2.5s	(43/87 CG17) 49/87 59°12.6'N 151°46.4'W
★16640	20Ed. 4/5/86 LAST NM 49/87		
	Change	Color of buoy "KE" to green and red bands (topmost band green)	(9, 12/88 CG17) 17/88 58°55.8'N 151°25.7'W
		Period of light to 5s	58°55.0'N 151°57.0'W
		Color of buoys, each to green "3" "3"	59°10.9'N 151°47.5'W 59°35.5'N 151°26.0'W
16640	20Ed. 4/5/86 LAST NM 17/88		
	Delete	BELL from buoy "C1" and add legend "(May 1 to Nov 1)"	(14, 15/88 CG17) 19/88 60°04.7'N 152°09.7'W
	Change	Color of buoy "3" to green	59°22.4'N 151°52.5'W
16640	20Ed. 4/5/86 LAST NM 19/88		
	Change	Light to Fl 6s 120ft 8M (See 17/88-16640)	(23/88 CG17) 30/88 58°55.0'N 151°57.0'W
16640	20Ed. 4/5/86 LAST NM 30/88		
	Delete	Buoys "1" "2"	(8/89 CG17) 12/89 59°34.5'N 151°58.7'W 59°36.4'N 151°32.4'W
16640	20Ed. 4/5/86 LAST NM 12/89		
	Change	Designation of buoy "C1" to "CI" and add BELL	(18/89 CG17) 22/89 60°04.7'N 152°09.7'W
★16645	14Ed. 7/30/83	NEW EDITION	(NOS) 40/83
16645	14Ed. 7/30/83 LAST NM 40/83		
		(Inset Port Chatham)	(NOS) 41/83
	Substitute	Depth 2 fathoms for 3¾ fathoms	59°12'04"N 151°49'58"W
★16645	14Ed. 7/30/83 LAST NM 41/83		
	Add	Chartlet, depicting changes in hydrography, from back of Section I	(NOS) 49/83
★16645	14Ed. 7/30/83 LAST NM 49/83		
	Add	Dangerous wreck (PA)	59°27.5'N 151°43.7'W (46/83 CG17) 51/83 59°14'43"N 151°23'43"W

★16645	14Ed. 7/30/83 LAST	NM 51/83	(7/84 CG17) 11/84
	Change	Period of light to 5sec	59°46'10"N 151°51'57"W
★16645	14Ed. 7/30/83 LAST	NM 11/84	(9/84 CG17) 13/84
	Add	Buoys, yellow, Gp Fl Y(5) 20sec	
		(Priv maintd)	59°31.0'N 151°57.0'W
			59°36.2'N 151°32.4'W
★16645	14Ed. 7/30/83 LAST	NM 13/84	(19/84 CG17) 24/84
	Relocate	Light close W to	59°05'26.3"N 151°41'37.6"W
★16645	14Ed. 7/30/83 LAST	NM 24/84	(21/84 CG17) 25/84
	Relocate	Light close SE to	59°08'49.7"N 151°52'28.8"W
★16645	14Ed. 7/30/83 LAST	NM 25/84	(NOS) 32/84
	Add	Chartlets, depicting changes in hydrography, from back of Section I	
		(A)	59°07.8'N 151°41.8'W
		(B)	59°07.8'N 151°57.6'W
		(C)	59°12.0'N 151°57.6'W
		(Inset Port Chatham)	
	Add	Chartlet, depicting changes in hydrography, from back of Section I	59°11'04"N 151°47'25"W
16645	14Ed. 7/30/83 LAST	NM 32/84	(33/84 CG17) 37/84
	Add	Depths 2¼ fathoms Rk	59°05'55"N 151°38'20"W
		4½ fathoms Rk	59°05'58"N 151°37'42"W
		(See 32/84-16645)	
★16645	14Ed. 7/30/83 LAST	NM 37/84	(H9877) 40/84
	Delete	Depths 6¾ fathoms	59°32'57"N 151°27'57"W
		6 fathoms	59°30'48"N 151°29'48"W
	Add	Depths 3¼ fathoms	59°32'57"N 151°27'48"W
		1¾ fathoms	59°30'45"N 151°29'49"W
★16645	14Ed. 7/30/83 LAST	NM 40/84	(38/84 CG17) 44/84
	Delete	Depth 8 fathoms	59°29'34"N 151°28'42"W
	Substitute	Depth 4¾ fathoms for 9 fathoms	59°30'20"N 151°28'12"W
	Add	Depths 9¼ fathoms	59°29'25"N 151°28'26"W
		8½ fathoms	59°30'05"N 151°29'07"W
		7 fathoms	59°28'14"N 151°26'18"W
		5½ fathoms	59°29'25"N 151°32'42"W
		5 fathoms Rk	59°29'35"N 151°28'49"W
		5 fathoms Rk	59°28'38"N 151°30'42"W
★16645	14Ed. 7/30/83 LAST	NM 44/84	(NOS) 46/84
	Add	Chartlets, depicting changes in hydrography, from back of Section I	
		(A)	59°22'15"N 151°47'39"W
		(B)	59°15'48"N 151°58'06"W
		(C)	59°22'36"N 151°58'06"W
		(See 32/84-16645)	
★16645	14Ed. 7/30/83 LAST	NM 46/84	(47/84 CG17) 2/85
	Change	Period of buoy "3" to 2.5s	59°35'32"N 151°26'05"W
		Characteristic of buoy "2" to Fl R 2.5s	59°09'06"N 151°45'16"W
		(See 32/84-16645)	
		(And Inset Homer Harbor)	
	Add	Light Fl 10s 37ft 15M (PA)	59°36'06.2"N 151°24'36.7"W
		(And Inset Port Chatham)	
	Change	Buoy "3" to black, Fl G 4s	59°10'54"N 151°47'26"W
		(See 32/84-16645)	
★16645	14Ed. 7/30/83 LAST	NM 2/85	(19/85 CG17) 23/85
	Change	Light "2" to Fl R 6s 70ft 5M	59°36'04"N 151°12'47"W
		(And Inset Homer Harbor)	
	Change	Visibility (range) of light to 13M	59°36'06.2"N 151°24'36.7"W
		(See 2/85-16645)	

★16645	14Ed. 7/30/83 LAST NM 23/85		(24/85 CG17) 28/85
	Change	(And Inset Port Chatham) Characteristic of light "4" to Fl(2)R 6s	59°12′36″N 151°46′26″W
★16645	14Ed. 7/30/83 LAST NM 28/85		(31/85 CG17) 35/85
	Relocate	Buoys (59°31.0′N 151°57.0′W) to (59°36.2′N 151°32.4′W)	59°34.5′N 151°58.7′W 59°36.4′N 151°32.4′W
	Change	(And Inset Port Chatham) Period of light "4" to 5s (See 28/85-16645)	59°12′36″N 151°46′26″W
16645	14Ed. 7/30/83 LAST NM 35/85		(32/85 CG17) 37/85
	Change	Characteristic of light "1" to Fl G 6s (See 49/83-16645)	59°27′10″N 151°43′06″W
★16645	14Ed. 7/30/83 LAST NM 37/85		(NOS) 39/85
	Add	(Inset Homer Harbor) Chartlet, depicting changes in hydrography and topography, from back of Section I	59°36′20″N 151°25′10″W
16645	14Ed. 7/30/83 LAST NM 39/85		(19-21/86 CG17) 27/86
	Delete	Designation "2" from light	59°33′03″N 151°27′54″W
	Change	Designation of light "4" to "2"	59°35′06″N 151°19′38″W
	Delete	(And Inset Homer Harbor) Light	59°36′06.2″N 151°24′36.7″W
16645	14Ed. 7/30/83 LAST NM 27/86		(30/86 CG17) 35/86
	Delete	Designation "1" from light and change characteristic to Fl 6s	59°27′09″N 151°43′08″W
	Change	Designation of buoys "3" to "1"	59°26′53″N 151°43′17″W
		"4" to "2"	59°26′48″N 151°43′22″W
		"6" to "4"	59°26′28″N 151°43′23″W
16645	14Ed. 7/30/83 LAST NM 35/86		(31/86 CG17) 38/86
	Change	Characteristic of light to Fl 4s and delete designation "2"	59°22′23″N 151°52′59″W
	Change	(And Inset Port Chatham) Characteristic of light Fl(2) 5s and delete designation "4"	59°12′35″N 151°46′26″W
★16645	14Ed. 7/30/83 LAST NM 38/86		(37/86 CG17) 42/86
	Change	Characteristic of light "1" to Fl G 2.5s and visibility (range) to 5M	59°07′09″N 151°38′18″W
16645	14Ed. 7/30/83 LAST NM 42/86		(32/87 CG17) 42/87
	Change	Color of buoy "1" to green (See 46/84-16645)	59°22.8′N 151°54.1′W
★16645	14Ed. 7/30/83 LAST NM 42/87		(43/87 CG17) 49/87
	Change	(And Inset Port Chatham) Characteristic of light to Fl 2.5s	59°12′35″N 151°46′26″W
★16645	14Ed. 7/30/83 LAST NM 49/87		(12/88 CG17) 17/88
	Change	Color of buoys, each to green "3" "1" (See 49/83-16645)	59°35′32″N 151°26′03″W 59°26′54″N 151°43′18″W
	Change	(And Inset Port Chatham) Color of buoy "3" to green (See 32/84-16645)	59°10′54″N 151°47′26″W
16645	14Ed. 7/30/83 LAST NM 17/88		(15/88 CG17) 19/88
	Change	Color of buoy "3" to green (See 46/84-16645)	59°22′24″N 151°52′31″W
★16645	14Ed. 7/30/83 LAST NM 19/88		(8/89 CG17) 12/89
	Delete	Buoys	59°34.5′N 151°58.7′W 59°36.4′N 151°32.4′W

16645	14Ed. 7/30/83 LAST NM 12/89		(17/89 CG17) 25/89
	Change	Color of buoy "5" to green	59°21'48"N 151°51'31"W
		(See 46/84-16645)	
★16646	9Ed. 9/26/81	NEW EDITION	(NOS) 49/81
16646	9Ed. 9/26/81 LAST NM 49/81		(42/81, 12/83 CG17) 20/83
		(Seldovia Bay)	
	Add	Depths 3¾ fathoms	59°27'36"N 151°43'58"W
		2½ fathoms	59°28'43"N 151°42'13"W
		(Port Graham)	
	Add	Depths 5 fathoms	59°21'05"N 151°57'35"W
		3¼ fathoms	59°21'01"N 151°57'29"W
16646	9Ed. 9/26/81 LAST NM 20/83		(18/83 CG17) 24/83
	Add	Depth 5¾ fathoms	59°19'59"N 152°00'21"W
★16646	9Ed. 9/26/81 LAST NM 24/83		(NOS) 47/83
		(Seldovia Bay)	
	Add	Chartlets, depicting changes in hydrography, from back of Section I	
		(A)	59°25.0'N 151°43.0'W
		(B)	59°26.9'N 151°43.6'W
★16646	9Ed. 9/26/81 LAST NM 47/83		(NOS) 20/84
		(Port Graham)	
	Add	Chartlets, depicting changes in hydrography, from back of Section I	
		(A)	59°24.5'N 151°53.7'W
		(B)	59°21.3'N 151°57.8'W
		(C)	59°19.7'N 151°59.5'W
		(Seldovia Bay)	
	Add	Chartlets, depicting changes in hydrography, from back of Section I	
		(A)	59°28.0'N 151°42.0'W
		(B)	59°27.7'N 151°44.2'W
		(See 47/83-16646)	
16646	9Ed. 9/26/81 LAST NM 20/84		(40/84 CG17) 44/84
		(Seldovia Bay)	
	Relocate	Buoy "4" close NW to	59°26'48.0"N 151°43'21.4"W
★16646	9Ed. 9/26/81 LAST NM 44/84		(32/85 CG17) 37/85
		(Seldovia Bay)	
	Change	Characteristic of light "1" to Fl G 6s	59°27'10"N 151°43'08"W
		(See 20/84-16646)	
		Characteristic of buoy "3" to Fl G 2.5s	59°26'54"N 151°43'17"W
		(See 47/83-16646)	
★16646	9Ed. 9/26/81 LAST NM 37/85		(30/86 CG17) 35/86
		(Seldovia Bay)	
	Delete	Designation "1" from light and change characteristic to Fl 6s	59°27'09"N 151°43'08"W
	Change	Designation of buoys "3" to "1"	59°26'53"N 151°43'17"W
		"4" to "2"	59°26'48"N 151°43'22"W
		"6" to "4"	59°26'28"N 151°43'23"W
		Designation of lights "5" to "3"	59°26'34"N 151°43'09"W
		"7" to "5"	59°26'20"N 151°43'00"W
16646	9Ed. 9/26/81 LAST NM 35/86		(31/86 CG17) 37/86
		(Port Graham)	
	Delete	Designation "2" from light and change characteristic to Fl 4s	59°22'23"N 151°52'59"W
★16646	9Ed. 9/26/81 LAST NM 37/86		(32/87 CG17) 42/87
	Change	Color of buoy "1" to green	59°22'46"N 151°54'09"W
16646	9Ed. 9/26/81 LAST NM 42/87		(12/88 CG17) 17/88
		(Seldovia Bay)	
	Change	Color of buoy "1" to green	59°26'54"N 151°43'18"W
		(See 47/83-16646)	

★16646 9Ed. 9/26/81 LAST NM 17/88 (15/88 CG17) 19/88
Change (Port Graham)
Color of buoy "3" to green 59°22'24"N 151°52'31"W

★16646 9Ed. 9/26/81 LAST NM 19/88 (17/89 CG17) 25/89
Change (Port Graham)
Color of buoy "5" to green 59°21'48"N 151°51'31"W

★16648 2Ed. 6/8/85 (NOS) 33/85
NEW EDITION

★16660 23Ed. 8/15/87 (NOS; MCNM7971/87) 46/87
Add NEW EDITION
Depth 4½ fathoms Rk 60°28.3'N 151°25.6'W
(Previously published 39/87)

Substitute
Depth 6¼ fathoms Rk for 9¼ fathoms 60°29.7'N 151°27.9'W

16660 23Ed. 8/15/87 LAST NM 46/87
Delete (9/89 CG17) 14/89
Light "10" 61°12.2'N 150°00.8'W

★16661 1Ed. 7/27/85 (NOS) 48/85
Change NEW CHART
Characteristic of light to Fl 4s 60°05.8'N 152°33.6'W

16661 1Ed. 7/27/85 LAST NM 48/85 (22/86 CG17) 27/86
Delete (And Inset)
Designation "1" from light 60°03'19"N 151°39'46"W

★16661 1Ed. 7/27/85 LAST NM 27/86 (14/88 CG17) 19/88
Delete
BELL from buoy "C1" 60°04'43"N 152°09'42"W
and add legend "(May 1 to Nov 1)"

★16661 1Ed. 7/27/85 LAST NM 19/88 (18/89 CG17) 22/89
Change
Designation of buoy "C1" to "CI" 60°04'43"N 152°09'42"W
and add BELL

★16662 1Ed. 4/9/83 (NOS) 24/83
NEW CHART

★16662 1Ed. 4/9/83 LAST NM 24/83 (NOS) 26/83
Add
Note

"CAUTION
CHANGES IN BUOYAGE

Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."

★16662 1Ed. 4/9/83 LAST NM 26/83 61°00.0'N 151°50.0'W
Relocate
Light close SW to (27/83 CG17) 37/83
60°29'00"N 151°50'30"W

★16662 1Ed. 4/9/83 LAST NM 37/83 (17/84 CG17) 22/84
Change
Buoy "3" to green, Fl G 2.5sec 60°59'13"N 150°52'06"W

★16662 1Ed. 4/9/83 LAST NM 22/84 (19/85 CG17) 23/85
(And Inset Kasilof River)
Change
Buoy "1" to green, Fl G 2.5s 60°23.4'N 151°23.4'W

★16662 1Ed. 4/9/83 LAST NM 23/85 (26/85 CG17) 33/85
(And Inset Kasilof River)
Relocate
Buoy "1" close NW to 60°23'24"N 151°23'30"W

★16662 1Ed. 4/9/83 LAST NM 33/85 (20/86 CG17) 26/86
Add
Buoy (mooring) 60°47'00"N 151°41'08"W

★16662 1Ed. 4/9/83 LAST NM 26/86 (35/86 CG17) 39/86
Add
Danger circle "Obstr" (PA) 60°47.6'N 151°42.2'W

16662	1Ed. 4/9/83 LAST NM 39/86		(46/86 CG17) 51/86
	Change	Characteristic of buoy "1KE" to Fl G 4s and add legend "(May 1 to Nov 1)"	60°31'18"N 151°2030'W"
16662	1Ed. 4/9/83 LAST NM 51/86		(1/87 CG17) 7/87
	Add	Platform	60°49.9'N 151°36.1'W
★**16662**	1Ed. 4/9/83 LAST NM 7/87		(17/87 CG17) 24/87
	Change	Color of buoy "1KE" to green	60°31.3'N 151°20.5'W
★**16662**	1Ed. 4/9/83 LAST NM 24/87		(CL607/87) 34/87
		(And Kasilof River)	
	Add	Danger circle "Obstr (rep 1987)" (PA)	60°29'24"N 151°26'24"W
★**16662**	1Ed. 4/9/83 LAST NM 34/87		(MCNM7971/87) 39/87
	Delete	Depth 9 fathoms 2 feet	60°29'44"N 151°28'03"W
	Add	Depths 4 fathoms 3 feet Rk	60°28'22"N 151°25'36"W
		6 fathoms 5 feet Rk	60°29'42"N 151°27'58"W
		6 fathoms 3 feet Rk	60°29'55"N 151°27'53"W
		5 fathoms 3 feet Rk	60°29'05"N 151°25'22"W
★**16662**	1Ed. 4/9/83 LAST NM 39/87		(31/87 CG17) 41/87
		(And Kasilof River)	
	Delete	Danger circle "Obstr (rep 1987)" (PA) (Supersedes 34/87-16662)	60°29'24"N 151°26'24"W
	Add	Depth 4 fathoms Rk	60°29'36"N 151°26'10"W
★**16663**	1Ed. 8/9/86	NEW CHART	(NOS; 35/86 CG17) 43/86
	Change	Legend to "(CONTINUED ON CHART 16660)" in upper right border of chart	
	Add	Danger circle "Obstr" (PA)	60°47.6'N 151°42.2'W
16663	1Ed. 8/9/86 LAST NM 43/86		(46/86 CG17) 51/86
	Change	Visibility (range) of light "6" to 5M	61°07.6'N 150°16.8'W
★**16663**	1Ed. 8/9/86 LAST NM 51/86		(1/87 CG17) 7/87
	Add	Platform	60°49'54"N 151°36'08"W
16663	1Ed. 8/9/86 LAST NM 7/87		(29/87 CG17) 36/87
	Substitute	Depth 4 fathoms 1 foot for 5 fathoms	61°08.6'N 150°18.8'W
	Add	Depths 4 fathoms	61°08.8'N 150°18.1'W
		4 fathoms 4 feet	61°09.0'N 150°18.4'W
		4 fathoms 3 feet	61°08.7'N 150°18.8'W
16663	1Ed. 8/9/86 LAST NM 36/87		(30/87 CG17) 41/87
	Add	Depths 4 fathoms 2 feet	61°08.6'N 150°19.2'W
		5 fathoms 4 feet	61°09.1'N 150°17.4'W
★**16663**	1Ed. 8/9/86 LAST NM 41/87		(NOS) 24/88
	Add	Chartlet, depicting changes in hydrography, from back of Section I	61°10'N 150°20'W
★**16663**	1Ed. 8/9/86 LAST NM 24/88		(NOS) 41/88
	Change	Lines 2 and 3 of Tidal information note to "North Foreland 61°03'N/151°10'W) 21.0, 20.4, 10.5, 0.0 Fire Island 61°10'N/150°12'W) 27.0, 26.4, 13.5, 0.0"	60°53'N 150°26'W
16663	1Ed. 8/9/86 LAST NM 41/88		(9/89 CG17) 14/89
	Delete	Light "10"	61°12.2'N 150°00.8'W
★**16665**	1Ed. 8/9/86	NEW CHART	(NOS) 45/86
16665	1Ed. 8/9/86 LAST NM 45/86		(NOS) 48/86
	Change	Light to Fl 2.5s 170ft 8M	61°10'05"N 150°13'22"W
16665	1Ed. 8/9/86 LAST NM 48/86		(46/86 CG17) 51/86
	Change	Visibility (range) of light "6" to 5M	61°07'36"N 150°16'48"W
★**16665**	1Ed. 8/9/86 LAST NM 51/86		(29/87 CG17) 36/87
	Substitute	Depth 25 feet for 30 feet	61°08.6'N 150°18.8'W

(continued on next page)

★16665	(Continued)		
	Add	Depths 24 feet	36/87 61°08.8′N 150°18.1′W
		28 feet	61°09.0′N 150°18.4′W
		27 feet	61°08.7′N 150°18.8′W
★16665	1Ed. 8/9/86 LAST NM 36/87		
	Add	Depths 26 feet	(30/87 CG17) 41/87 61°08.6′N 150°19.2′W
		34 feet	61°09.1′N 150°17.4′W
★16665	1Ed. 8/9/86 LAST NM 41/87		
	Substitute	Depth 25 feet for 26 feet (See 41/87-16665)	(3/88 CG17) 9/88 61°08′34″N 150°19′10″W
★16665	1Ed. 8/9/86 LAST NM 9/88		
	Add	Chartlet, depicting changes in hydrography, from back of Section I	(NOS) 24/88 61°10′N 150°20′W
★16665	1Ed. 8/9/86 LAST NM 24/88		
	Delete	Light "10"	(9/89 CG17) 14/89 61°12′15″N 150°00′49″W
★16680	8Ed. 5/2/81	NEW EDITION	
	Relocate	Buoy "KE" (58°55.7′N 151°25.4′W) to and change color to black (Previously published 25/81)	(NOS) 39/81 58°55′47.5″N 151°25′50.1″W
16680	8Ed. 5/2/81 LAST NM 39/81		
	Change	Color of buoy "KE" to black and red bands	(32/82 CG17) 40/82 58°55′47.5″N 151°25′50.1″W
16680	8Ed. 5/2/81 LAST NM 40/82		
	Add	Dangerous wreck (PA)	(46/83 CG17) 51/83 59°14′43″N 151°23′43″W
16680	8Ed. 5/2/81 LAST NM 51/83		
	Change	Color of buoy "KE" to green and red bands (topmost band green)	(21/84 CG17) 25/84 58°55′47.5″N 151°25′50.1″W
	Add	Note in upper left margin of chart "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes in aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	
16680	8Ed. 5/2/81 LAST NM 25/84		
	Add	Light Fl R 4s 3M (PA)	(40/84 CG17) 52/84 60°05′08.9″N 149°21′27.6″W
16680	8Ed. 5/2/81 LAST NM 52/84		
	Relocate	Buoy "KE" close E to	(48/84 CG17) 24/85 58°55′47.4″N 151°25′40.1″W
16680	8Ed. 5/2/81 LAST NM 24/85		
	Change	Buoy "KE" to black and red bands (topmost band black), can	(48/86 CG17) 52/86 58°55′47.5″N 151°25′50.1″W
16680	8Ed. 5/2/81 LAST NM 52/86		
	Change	Legends to "DANGER AREA 334.1300 (see note A)"	(FED REG 10/22/85) 41/87 59°12.5′N 148°32.5′W 59°20.5′N 149°25.0′W 59°45.5′N 148°40.0′W
16680	8Ed. 5/2/81 LAST NM 41/87		
	Relocate	Light (AERO) close NW to (PA)	(CL305/88) 20/88 60°07.8′N 149°24.9′W
★16681	8Ed. 7/28/79	NEW EDITION	(NOS) 45/79

16681	8Ed. 7/28/79 LAST NM 45/79		(FED REG 10/22/85) 41/87
	Change	Legend to "DANGER ZONE 334.1300 (see note A)"	59°20.3'N 149°37.0'W
★16682	12Ed. 5/1/82	NEW EDITION	(NOS) 30/82
★16682	12Ed. 5/1/82 LAST NM 30/82		(3/84 CG17) 8/84
		(And Inset)	
	Delete	Bn "1"	60°06'55.8"N 149°25'37.3"W
★16682	12Ed. 5/1/82 LAST NM 8/84		(40/84 CG17) 52/84
	Add	Light Fl R 4s 3M (PA)	60°05'08.9"N 149°21'27.6"W
★16682	12Ed. 5/1/82 LAST NM 52/84		(46, 47/84 CG17) 2/85
		(And Inset)	
	Delete	Buoy	60°06'49.5"N 149°24'46.9"W
	Add	Buoys (mooring)	60°06'49"N 149°24'47"W
		(mooring) (Priv maintd)	60°06'52"N 149°25'00"W
16682	12Ed. 5/1/82 LAST NM 2/85		(2/85 CG17) 8/85
		(And Inset)	
	Add	Light Fl G 4s (Priv maintd) (PA)	60°06'52.2"N 149°25'39.0"W
		Buoy (mooring, white, Q (Priv maintd)	60°06'50.2"N 149°25'39.9"W
★16682	12Ed. 5/1/82 LAST NM 8/85		(NOS) 20/85
		(Inset)	
	Add	Chartlet, depicting changes in hydrography and topography, from back of Section I	60°07.1'N 149°25.3'W
★16682	12Ed. 5/1/82 LAST NM 20/85		(43/86 CG17) 49/86
		(Inset)	
	Add	Buoy, white and orange bands, Q (Priv maintd)	60°06'48.5"N 149°25'39.5"W
		(And Inset)	
	Delete	Light from buoy (mooring) (See 20/85-16682)	60°06'50"N 149°25'40"W
★16682	12Ed. 5/1/82 LAST NM 49/86		(22/87 CG17) 29/87
		(Inset)	
	Delete	Bn "2"	60°06'56"N 149°25'17"W
	Add	Buoy "2", red (See 20/85-16682)	60°06'57"N 149°25'20"W
16682	12Ed. 5/1/82 LAST NM 29/87		(FED REG 10/22/85) 41/87
	Change	Legend to "DANGER AREA 334.1300 (see note A)"	59°32.4'N 149°20.0'W
16682	12Ed. 5/1/82 LAST NM 41/87		(USCG LL) 15/88
		(And Inset)	
	Change	Color of buoy "1" to green (See 20/85-16682)	60°06'50"N 149°25'54"W
★16682	12Ed. 5/1/82 LAST NM 15/88		(CL305/88) 20/88
	Relocate	Light (AERO) close NW to (PA)	60°07'46.5"N 149°24'52.0"W
		(Inset)	
	Delete	Light (AERO)	60°07'27"N 149°24'26"W
★16682	12Ed. 5/1/82 LAST NM 20/88		(NOS) 26/88
		(Inset)	
	Add	Chartlets, depicting changes in hydrography, topography, and aids to navigation, from back of Section I	
		(A)	60°07'10"N 149°25'40"W
		(B)	60°07'25"N 149°24'15"W
★16683	7Ed. 6/16/79	NEW EDITION	(NOS) 36/79
16683	7Ed. 6/16/79 LAST NM 36/79		(40/84 CG17) 52/84
	Add	Light Fl R 4s 3M (PA)	60°05'08.9"N 149°21'27.6"W

16683	7Ed. 6/16/79 LAST NM 52/84		(FED REG 10/22/85) 41/87
	Change	Legend to "DANGER ZONE 334.1300 (see note A)"	59°43.5'N 148°40.5'W
★16700	23Ed. 7/18/87	NEW EDITION	(NOS) 43/87
16700	23Ed. 7/18/87 LAST NM 43/87		(USCG LL) 15/88
	Change	Color of buoy "1" to green	60°32.0'N 147°17.1'W
16700	23Ed. 7/18/87 LAST NM 15/88		(30/88 CG17) 37/88
	Change	Light to Fl 6s 38ft 6M	60°42.8'N 146°43.6'W
16700	23Ed. 7/18/87 LAST NM 37/88		(NOS) 21/89
	Substitute	Depth 51 fathoms for 5 fathoms	60°04.7'N 147°40.3'W
16700	23Ed. 7/18/87 LAST NM 21/89		(NOS) 23/89
	Delete	Position circle "PARABOLIC ANTENNA" Light (AERO)	59°25.8'N 146°20.4'W 59°27.3'N 146°18.3'W
	Add	R Bn (AERO) 260 kHz • ••• •••	59°25.6'N 146°20.6'W
★16701	14Ed. 12/3/83	NEW EDITION	(NOS) 11/84
16701	14Ed. 12/3/83 LAST NM 11/84		(42/84 CG17) 52/84
	Change	Color of buoy to green and red bands (topmost band green)	60°03'02"N 148°03'30"W
16701	14Ed. 12/3/83 LAST NM 52/84		(21/85 CG17) 25/85
	Change	Color of buoys, each to green "1" "5"	60°03'13"N 148°01'12"W 60°03'04"N 148°03'02"W
16701	14Ed. 12/3/83 LAST NM 25/85		(41/85 CG17) 45/85
	Change	Light "3" to Fl G 4s 5M	60°03'15"N 148°02'06"W
16701	14Ed. 12/3/83 LAST NM 45/85		(22/86 CG17) 27/86
	Change	Characteristic of light to Fl 2.5s	60°21.4'N 147°23.5'W
16701	14Ed. 12/3/83 LAST NM 27/86		(52/86 CG17) 7/87
	Substitute	Depth ½ fathom Rk for ¾ fathom Rk	59°57'13"N 147°24'01"W
★16701	14Ed. 12/3/83 LAST NM 7/87		(NOS) 13/87
	Add	Chartlets, depicting changes in hydrography, from back of Section I (A) (B)	59°57'N 147°25'W 59°52'N 147°25'W
16701	14Ed. 12/3/83 LAST NM 13/87		(FED REG 10/22/85) 41/87
	Change	Legend to "DANGER ZONE 334.1300 (see note A)"	59°42.3'N 148°13.5'W
16701	14Ed. 12/3/83 LAST NM 41/87		(MCNM1059/89) 22/89
	Add	Depth ¾ fathom enclosed by danger circle (PA)	60°16'24"N 147°56'57"W
★16702	8Ed. 4/20/85	NEW EDITION	(NOS) 23/85
★16702	8Ed. 4/20/85 LAST NM 23/85		(21/85 CG17) 25/85
	Change	Color of buoys, each to green "1" "5"	60°03'12"N 148°01'13"W 60°03'04"N 148°03'05"W
★16702	8Ed. 4/20/85 LAST NM 25/85		(41/85 CG17) 45/85
	Change	Light "3" to Fl G 4s 5M	60°03'15"N 148°02'06"W
★16704	10Ed. 9/6/80	NEW EDITION	(NOS) 49/80
16704	10Ed. 9/6/80 LAST NM 49/80		(NOS) 34/83
	Add	Rock awash (PA)	60°13'19"N 147°57'22"W
★16704	10Ed. 9/6/80 LAST NM 34/83		(MCNM1059/89) 22/89
	Add	Depth ¾ fathom enclosed by danger circle (PA)	60°16'24"N 147°56'57"W

★16705	14Ed. 2/27/82	NEW EDITION	(NOS) 21/82
16705	14Ed. 2/27/82 LAST NM 21/82		(NOS) 30/82
	Add	Light position dot	60°46′40.5″N 148°40′14.5″W
16705	14Ed. 2/27/82 LAST NM 30/82		(26/83 CG17) 37/83
	Delete	Buoys "1"	60°46.9′N 148°39.3′W
		"3"	60°46.7′N 148°40.7′W
★16705	14Ed. 2/27/82 LAST NM 37/83		(17/85 CG17) 21/85
	Change	Characteristic of buoy "1" to Fl G 2.5s	60°32′04″N 147°17′06″W
★16705	14Ed. 2/27/82 LAST NM 21/85		(22/86 CG17) 27/86
	Add	Light Fl 2.5s 24ft 6M	60°21′21″N 147°23′27″W
★16705	14Ed. 2/27/82 LAST NM 27/86		(26/86 CG17) 32/86
	Change	Characteristic of buoy "2" to Fl R 4s	60°38′17″N 147°47′11″W
★16705	14Ed. 2/27/82 LAST NM 32/86		(40/86 CG17) 45/86
	Add	Buoys (mooring)	60°50′33″N 148°23′34″W
			60°49′47″N 148°25′25″W
			60°52′58″N 148°05′27″W
			60°51′09″N 147°57′02″W
			60°41′42″N 148°23′48″W
			60°41′44″N 148°13′55″W
16705	14Ed. 2/27/82 LAST NM 45/86		(USCG LL) 15/88
	Change	Color of buoy "1" to green	60°32′04″N 147°17′07″W
★16705	14Ed. 2/27/82 LAST NM 15/88		(MCNM1059/89) 22/89
	Add	Depths, each enclosed by danger circle (PA)	
		7¾ fathoms	60°33′58″N 147°35′08″W
		2½ fathoms	60°32′03″N 147°37′18″W
		6½ fathoms	60°32′29″N 147°37′21″W
		7½ fathoms	60°30′51″N 147°40′08″W
		2¾ fathoms	60°31′45″N 147°40′22″W
		3¼ fathoms	60°31′36″N 147°40′30″W
		8 fathoms	60°29′21″N 147°43′30″W
		½ fathom	60°29′54″N 147°43′39″W
		7¾ fathoms	60°29′47″N 147°43′48″W
★16705	14Ed. 2/27/82 LAST NM 22/89		(MCNM1059/89) 25/89
	Add	Depths, each enclosed by danger circle (PA)	
		4 fathoms	60°32′10″N 147°40′21″W
		8 fathoms	60°28′06″N 147°44′01″W
		5½ fathoms	60°27′28″N 147°44′18″W
★16706	8Ed. 12/3/83	NEW EDITION	(NOS) 6/84
★16706	8Ed. 12/3/83 LAST NM 6/84		(38/84 CG17) 44/84
	Add	Buoys (waverider), gray spar	60°47′27″N 148°33′43″W
			60°48′02″N 148°32′45″W
★16706	8Ed. 12/3/83 LAST NM 44/84		(9/86 CG17) 14/86
	Delete	Buoy (waverider)	60°47′27″N 148°33′43″W
★16706	8Ed. 12/3/83 LAST NM 14/86		(51/87 CG17) 4/88
		(And Inset)	
	Add	Light (3) FR 12ft (Priv maintd)	60°46′45″N 148°39′50″W
★16707	5Ed. 2/25/89	NEW EDITION	(NOS) 18/89
16707	5Ed. 2/25/89 LAST NM 18/89		(NOS) 20/89
		(And Inset Valdez and Valdez Marine Terminal)	
	Delete	Light	61°05′24″N 146°24′14″W
		(Inset Valdez and Valdez Marine Terminal)	
	Delete	Bn	61°07′28″N 146°21′10″W
★16708	18Ed. 2/18/89	NEW EDITION	(NOS) 19/89

16708	18Ed. 2/18/89 LAST NM 19/89		(NOS) 25/89
	Delete	Buoys (mooring)	61°05'18"N 146°23'23"W 61°05'17"N 146°24'34"W 61°05'17"N 146°24'51"W 61°05'13"N 146°25'19"W 61°05'12"N 146°25'32"W
★16709	18Ed. 6/28/80	NEW EDITION	(NOS) 40/80
★16709	18Ed. 6/28/80 LAST NM 40/80		(BP111355-56) 42/80
	Substitute	Rocks awash for depths 1¾ fathoms	60°24'56"N 146°42'06"W 60°20'45"N 146°43'30"W
	Add	Rocks awash	60°25'40"N 146°40'49"W 60°21'25"N 146°11'00"W
16709	18Ed. 6/28/80 LAST NM 42/80		(42/80 CG17) 47/80
	Add	Designation to lights "E" "5"	60°22.3'N 145°44.9'W 60°27.8'N 145°59.4'W
★16709	18Ed. 6/28/80 LAST NM 47/80		(NOS) 48/80
	Change	Light "E" to Fl 5sec 20ft 11M (See 47/80-16709)	60°22.2'N 145°44.9'W
		Visibility (range) of light to 14M	60°29.0'N 146°36.7'W
16709	18Ed. 6/28/80 LAST NM 48/80		(11/81 CG17) 15/81
	Add	Light F 26ft (Priv maintd)	60°32'17"N 145°45'41"W
★16709	18Ed. 6/28/80 LAST NM 15/81		(FED REG 7/2/81) 32/81
	Delete	Purple dashed line between	60°17'38"N 146°51'20"W 60°17'13"N 146°51'01"W
	Add	Purple tint (extension of traffic separation zone) bound by	60°17'05"N 146°49'15"W 60°16'20"N 146°46'28"W 60°16'56"N 146°47'00"W
		Purple dashed line (extension of outside limit of northbound traffic lane) between	60°15'45"N 146°44'20"W 60°16'48"N 146°45'13"W
★16709	18Ed. 6/28/80 LAST NM 32/81		(28/81 CG17) 34/81
	Add	Buoy "1", black, Fl G 4sec GONG	60°10'00"N 146°44'48"W
16709	18Ed. 6/28/80 LAST NM 34/81		(52/81 CG17) 5/82
	Change	Period of light "9" to 6sec	60°38'N 145°45'W
★16709	18Ed. 6/28/80 LAST NM 5/82		(5/82 CG17) 11/82
	Add	Wreck (PA)	60°14.3'N 146°24.0'W
16709	18Ed. 6/28/80 LAST NM 11/82		(8/83 CG17) 14/83
	Change	Legend to "(10 ft rep 1983) Obstr"	60°35'08"N 145°43'20"W
16709	18Ed. 6/28/80 LAST NM 14/83		(10/83 CG17) 16/83
	Add	Depth 2½ fathoms	60°32'54"N 145°49'14"W
16709	18Ed. 6/28/80 LAST NM 16/83		(NOS) 14/84
	Add	Legend "(See Note F)"	60°32'24"N 145°46'58"W
		Note "NOTE F CAUTION Odiak Slough is marked with two red spherical buoys, numbered "2" and "4". The channel should be navigated only above half tide with local knowledge"	60°34'56"N 145°38'06"W
★16709	18Ed. 6/28/80 LAST NM 14/84		(NOS) 15/84
	Add	Chartlets, depicting changes in hydrography and topography, from back of Section I	
		(A)	60°30.5'N 145°52.5'W
		(B)	60°26.0'N 146°02.0'W

★16709	18Ed. 6/28/80 LAST	NM 15/84	(28/84 CG17) 32/84
	Relocate	Lights "2" close N to	60°36'58.7"N 145°45'34.5"W
		"E" close SE	60°22'06.6"N 145°44'44.4"W
16709	18Ed. 6/28/80 LAST	NM 32/84	(32/84 CG17) 36/84
	Add	Depth 2 fathoms	60°39'31.9"N 146°15'05.1"W
★16709	18Ed. 6/28/80 LAST	NM 36/84	(42/84 CG17) 52/84
	Change	Color of buoy "EI" to, red and white stripes	60°17'24"N 145°43'05"W
16709	18Ed. 6/28/80 LAST	NM 52/84	(9/85 CG17) 13/85
	Change	Color of buoy "3" to green	60°34'54"N 145°45'15"W
16709	18Ed. 6/28/80 LAST	NM 13/85	(17/85 CG17) 21/85
	Change	Characteristic of buoy "1" to Fl G 2.5s	60°32'03"N 147°17'08"W
16709	18Ed. 6/28/80 LAST	NM 21/85	(19/85 CG17) 23/85
	Change	Color of buoy "7" to green	60°36'32"N 145°48'37"W
16709	18Ed. 6/28/80 LAST	NM 23/85	(20/85 CG17) 24/85
	Change	Color of buoy "15" to green	60°36'47"N 145°41'30"W
16709	18Ed. 6/28/80 LAST	NM 24/85	(21/85 CG17) 25/85
	Change	Light "E" to Fl ns 20ft 9M (See 32/84-16709)	60°22'06.6"N 145°44'44.4"W
16709	18Ed. 6/28/80 LAST	NM 25/85	(NVS7457/85) 27/85
	Delete	Recommended track and legend "RECOMMENDED TRACK (see note B)" between	60°16.2'N 146°45.3'W 60°08.2'N 146°21.1'W
		Note B "This route...Elias."	60°17.0'N 146°33.8'W
★16709	18Ed. 6/28/80 LAST	NM 27/85	(24/85 CG17) 28/85
	Change	Characteristic of buoys, each to Fl R 4s	
		"12"	60°37'33"N 145°41'25"W
		"18"	60°34'36"N 145°44'38"W
		Characteristic of light "2" to Fl R 6s and visibility (range) to 6M	60°23'24"N 146°43'41"W
16709	18Ed. 6/28/80 LAST	NM 28/85	(HNNM7457/85) 35/85
	Add	Purple dashed lines (recommended route) between	60°08.2'N 146°17.4'W 60°13.0'N 146°39.8'W
		between	60°12.2'N 146°41.0'W 60°08.2'N 146°25.3'W
		Note "NOTE B US Trans-Alaskan Pipeline System (TAPS) routes are recommended for safe routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."	60°17.3'N 146°33.7'W
		Legend "Note B"	60°10.1'N 146°29.3'W
		Purple open-outlined arrows indicating flow of traffic oriented 293.1°	60°11.1'N 146°30.0'W
		118.0°	60°09.0'N 146°30.0'W
★16709	18Ed. 6/28/80 LAST	NM 35/85	(36/85 CG17) 40/85
	Change	Buoy "5" to green, Fl G 4s BELL	60°36'02"N 145°59'24"W
		Light "3" to Fl G 6s 27ft 5M (Note: Obscured sector remains)	60°37'24"N 146°15'06"W
16709	18Ed. 6/28/80 LAST	NM 40/85	(43/85 CG17) 47/85
	Change	Light "2" to Fl R 6s 30ft 4M	60°36'59"N 145°45'34"W
★16709	18Ed. 6/28/80 LAST	NM 47/85	(2/86 CG17) 6/86
	Change	Buoy "1" to green, Fl G 4s HORN	60°10'00"N 146°44'48"W
★16709	18Ed. 6/28/80 LAST	NM 6/86	(5/86 CG17) 10/86
	Change	Characteristic of light "5" to Fl G 4s	60°27'45"N 145°59'19"W

16709	18Ed. 6/28/80 LAST NM 10/86		
	Change	Buoy "OI" to red and green bands (topmost band red), Fl(2+1) R 6s BELL	(49/86 CG17) 2/87
			60°34.1'N 145°45.6'W
16709	18Ed. 6/28/80 LAST NM 2/87		
	Add	"SAFETY FAIRWAY 166.400 (see note A) area bound by purple line between	(FED REG 12/2/86) 4/87
			60°13'18"N 146°38'06"W 60°08'12"N 146°11'53"W
		between	60°11'24"N 146°47'00"W 60°08'12"N 146°33'36"W
16709	18Ed. 6/28/80 LAST NM 4/87		
	Change	Buoy "1" to green, Fl G 4s BELL	(51/86 CG17) 7/87 60°19'18"N 146°02'36"W
★16709	18Ed. 6/28/80 LAST NM 7/87		
	Add	Danger circle "Obstr (rep 1987)" (PA)	(CL678/87) 38/87 60°14.7'N 146°40.9'W
16709	18Ed. 6/28/80 LAST NM 38/87		
	Delete	Purple dashed lines (recommended route) between	(MCNM8024/87; 44/87 CG17) 50/87
			60°08'12"N 146°17'24"W 60°13'00"N 146°39'48"W
		between	60°08'12"N 146°25'18"W 60°12'12"N 146°41'00"W
		Purple open-outlined arrows	60°11'06"N 146°30'00"W 60°09'00"N 146°30'00"W
	Relocate	Buoy "18" close E to	60°34'36"N 145°44'37"W
16709	18Ed. 6/28/80 LAST NM 50/87		
	Relocate	Buoy "1" (60°19'18"N 146°02'36"W) to	(MCNM8049/88; USCG LL) 15/88 60°19'21"N 145°59'42"W
	Change	Color of buoy "1" to green	62°32'03"N 147°17'07"W
16709	18Ed. 6/28/80 LAST NM 15/88		
	Relocate	Buoy "4" close S to	(MCNM8049/88; USCG LL; 3/89 CG17) 7/89 60°34'40"N 145°45'37"W
	Change	Color of buoy "1" to green (See 15/88-16709)	60°32'03"N 147°17'07"W
★16710	14Ed. 7/4/87	NEW EDITION	(NOS) 40/87
★16710	14Ed. 7/4/87 LAST NM 40/87		
	Relocate	Buoy "OI" close N to and change characteristic to Fl(2+1) R 6s	(BP135899; 46, 47/88 CG17) 53/88 60°34'03"N 145°45'37"W
	Change	Line 2 of note Cordova Harbor to "and access channel was 14 feet at MLLW." and line 9 to "Sept 1988"	
			60°34'30"N 145°43'00"W
★16710	14Ed. 7/4/87 LAST NM 53/88		
	Relocate	Buoy "4" close S to	(3/89 CG17) 7/89 60°34'37.7"N 145°45'43.7"W
★16723	13Ed. 12/27/80	NEW EDITION	(NOS) 10/81
16723	13Ed. 12/27/80 LAST NM 10/81		
	Change	Characteristic of light "S" to Occ 4sec	(15/83 CG17) 21/83 60°13'48"N 144°57'00"W
★16723	13Ed. 12/27/80 LAST NM 21/83		
	Delete	Buoy	(17/84 CG17) 22/84 60°06'35"N 144°28'42"W
16723	13Ed. 12/27/80 LAST NM 22/84		
	Add	Purple dashed line (recommended route) between	(HNNM7457/85) 35/85
			59°40.5'N 144°55.0'W 59°45.7'N 145°05.5'W
		Purple open-outlined arrow indicating flow of traffic oriented 314.5°	59°44.7'N 145°00.0'W

(continued on next page)

16723	(Continued) Add	Note "NOTE C US Trans-Alaskan Pipeline System (TAPS) routes are recommended for safe routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."	35/85
		Legend "Note C"	60°19.0'N 144°48.0'W 59°43.5'N 145°00.0'W
★16723	13Ed. 12/27/80 LAST NM 35/85 Change	Light to Fl 10s 85ft 15M	(26/87 CG17) 37/87 59°47.9'N 144°35.8'W
16723	13Ed. 12/27/80 LAST NM 37/87 Delete	Purple dashed line (recommended route) between	(MCNM8024/87; FED REG 12/02/86) 50/87 59°40.5'N 144°55.0'W 59°45.7'N 145°05.5'W
		Purple open-outlined arrow	59°44.7'N 145°00.0'W
		Note C	60°19.0'N 144°48.0'W
		Legend "Note C"	59°43.5'N 145°00.0'W
	Add	Purple solid lines between	59°40.5'N 144°57.0'W 59°45.0'N 145°05.5'W
		between	59°49.0'N 145°05.5'W 59°40.5'N 144°50.0'W
		Legend "SAFETY FAIRWAY 166.400 (see note A)"	59°43.0'N 144°55.0'W
★16741	7Ed. 8/2/80	NEW EDITION	(NOS) 47/80
★16741	7Ed. 8/2/80 LAST NM 47/80 Delete	Light	(35/88 CG17) 42/88 59°57'58"N 141°35'01"W
★16760	7Ed. 3/16/85	NEW EDITION	(NOS) .9/85
T 16760	7Ed. 3/16/85 (Temp'y) Change	Obscured sector of light to 134°-309°	(5/84 CG17) 19/85 59°32.2'N 139°51.2'W
16760	7Ed. 3/16/85 LAST NM 19/85 Change	Color of buoy "3" to green	(NOS) 20/85 59°33.5'N 139°46.0'W
16760	7Ed. 3/16/85 LAST NM 20/85 Change	Color of buoy to green and red bands (topmost band green)	(18/85 CG17) 22/85 57°49.8'N 136°28.0'W
16760	7Ed. 3/16/85 LAST NM 22/85 Relocate	Buoy "8" close S to	(33/85 CG17) 38/85 59°41'25.5"N 139°38'33.0"W
	Add	Buoy "3" to green, Fl G 2.5s	59°33'25"N 139°45'50"W
16760	7Ed. 3/16/85 LAST NM 38/85 Add	Light "2" Fl R 4s	(30/86 CG17) 35/86 59°34'05"N 139°44'42"W
16760	7Ed. 3/16/85 LAST NM 35/86 Change	Designation of buoy "3" to "1"	(32/86 CG17) 37/86 59°33.5'N 139°45.9'W
16760	7Ed. 3/16/85 LAST NM 37/86 Change	Obscured sector of light to 134°-309° (Supersedes 19/85T-16760)	(52/86 CG17) 7/87 59°32.2'N 139°51.2'W
16760	7Ed. 3/16/85 LAST NM 7/87 Change	Characteristic of buoy to Fl R 6s	(11/87 CG17) 16/87 58°17.4'N 136°53.3'W
16760	7Ed. 3/16/85 LAST NM 16/87 Change	Fog signal of buoy "2" to HORN	(12/87 CG17) 19/87 59°32.0'N 139°57.1'W
★16760	7Ed. 3/16/85 LAST NM 19/87 Change	Color of buoy to green	(25/88 CG17) 31/88 57°56.2'N 136°34.5'W

16760	7Ed. 3/16/85 LAST NM 31/88		
	Change	Color of buoy "1" to green	(46/88 CG17) 53/88 58°07.0'N 136°27.5'W
★16761	13Ed. 8/18/84	NEW EDITION	(NOS) 42/84
	Change	Line 3 of Note D to "5 feet may exist in the area of longitude 139°30' due to tidal dif-"	59°51'44"N 139°29'00"W
T 16761	13Ed. 8/18/84 (Temp'y)		(5/84 CG17) 42/84
	Change	Obscured sector of light to 134°-309°	59°32'12"N 139°51'11"W
★16761	13Ed. 8/18/84 LAST NM 42/84		
	Change	Characteristic of buoy "2" to Fl R 2.5s	(40/84 CG17) 44/84 59°31'59"N 139°57'05"W
		(And Inset)	
	Change	Color of buoy "3" to green	59°33'25"N 139°45'46"W
16761	13Ed. 8/18/84 LAST NM 44/84		
	Substitute	Depth 6 fathoms 3 feet for 63 fathoms	(NOS) 3/85 59°35'18"N 139°51'15"W
★16761	13Ed. 8/18/84 LAST NM 3/85		
	Relocate	Buoy "8" close S to	(33/85 CG17) 38/85 59°41'25.5"N 139°38'33.0"W
		(And Inset)	
	Change	Buoy "3" to green, Fl G 2.5s	59°33'25"N 139°45'50"W
★16761	13Ed. 8/18/84 LAST NM 38/85		
	Add	Light "2" Fl R 4s 12ft 3M with obscured sector 292°-021°	(30/86 CG17) 35/86 59°34'05"N 139°44'42"W
★16761	13Ed. 8/18/84 LAST NM 35/86		(32/86 CG17) 37/86
		(And Inset)	
	Change	Designation of buoy "3" to "1"	59°33'25"N 139°45'50"W
★16761	13Ed. 8/18/84 LAST NM 37/86		
	Change	Obscured sector of light to 134°-309° (Supersedes 42/84T-16761)	(52/86 CG17) 7/87 59°32'09"N 139°51'14"W
★16761	13Ed. 8/18/84 LAST NM 7/87		
	Change	Fog signal of buoy "2" to HORN	(12/87 CG17) 19/87 59°32.0'N 139°57.1'W
★16762	7Ed. 9/1/79	NEW EDITION	(NOS) 49/79

★17002	54Ed. 4/13/85	NEW EDITION	(DMAHTC) 30/85
	Change	Characteristic of light to F Fl 12s	48°55.4′N 125°32.3′E
		Light to F Fl WR 5s 167ft 15M HORN R Bn	48°47.2′N 125°12.9′W
		(Previously published 20/85)	
	Add	Legend "R" to radiobeacon	48°55′31″N 125°32′25″W
		(Previously published 20/85)	
17002	54Ed. 4/13/85 LAST	NM 30/85	(HNNM7457/85) 35/85
	Add	Purple dashed lines	
		(recommended route) between	46°20′N 131°40′W
			54°35′N 139°00′W
		between	54°06′N 139°00′W
			46°20′N 132°05′W
		joining	48°32′N 124°59′W
			48°50′N 129°10′W
			54°50′N 137°12′W
		joining	54°50′N 138°17′W
			48°30′N 130°00′W
			48°28′N 124°59′W
		Purple open-outlined arrows indicating flow of traffic oriented 276.3°	48°39′N 126°00′W
		276.3°	48°48′N 128°00′W
		320.2°	49°37′N 130°00′W
		320.2°	52°39′N 134°00′W
		320.2°	54°03′N 136°00′W
		141.9°	53°05′N 136°00′W
		141.9°	51°35′N 134°00′W
		141.9°	49°11′N 131°00′W
		090.6°	48°26′N 128°00′W
		090.6°	48°22′N 126°00′W
		090.6°	46°50′N 132°00′W
		330.1°	50°18′N 135°00′W
		330.1°	53°37′N 138°00′W
		150.1°	52°57′N 138°00′W
		150.1°	49°36′N 135°00′W
		150.1°	46°50′N 132°38′W
		Note	
		"NOTE A	
		US Trans-Alaskan Pipeline System (TAPS) routes are recommended for safe routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."	51°40′N 126°00′W
		Legends "Note A"	48°38′N 128°00′W
			52°00′N 134°00′W
			50°00′N 135°00′W
17002	54Ed. 4/13/85 LAST	NM 35/85	(HNNM7457/85) 37/85
	Change	Purple open-outlined arrow oriented 090.6° to 330.1°	46°50′N 132°00′W
		(See 35/85-17002)	
17002	54Ed. 4/13/85 LAST	NM 37/85	(44(1125)86 Ottawa) 49/86
	Change	Characteristic of buoy "46004" to Fl(4) Y 20s	50°57′N 135°55′W
17002	54Ed. 4/13/85 LAST	NM 49/86	(MCNM7881/87; CL28/87) 5/87
	Add	Danger circle "Unexploded Ordnance Rep (1985)"	48°26.2′N 125°16.7′W
17002	54Ed. 4/13/85 LAST	NM 5/87	(46(1153)86, 1(57)87 Ottawa) 6/87
	Relocate	Buoy "46004" close SE to	50°55.8′N 135°49.3′W
	Add	Racon at light	54°00.0′N 130°47.4′W
★17002	54Ed. 4/13/85 LAST	NM 6/87	(38/87 CG17) 45/87
	Add	Superbuoy ODAS "46184", yellow, Fl(5) Y 20s	53°55.2′N 138°51.3′W

17002 54Ed. 4/13/85 LAST NM 45/87
Add — Superbuoy ODAS "46036", yellow, Fl(5) Y 20s — (39/87 CG13) 47/87 — 48°18.8'N 133°50.5'W

17002 54Ed. 4/13/85 LAST NM 47/87
Delete — R Bn at lights — (20(384-387, 392)88 Ottawa) 26/88 — 49°59.9'N 127°26.9'W; 49°06.6'N 125°55.3'W; 53°29.6'N 130°38.2'W; 54°17.6'N 130°52.7'W

R Bn — 50°53.8'N 127°55.7'W

17002 54Ed. 4/13/85 LAST NM 26/88
Delete — R Bn at light — (21(399)88 Ottawa) 32/88 — 48°55'N 125°32'W

17002 54Ed. 4/13/85 LAST NM 32/88
Add — Legend "Racon" at light — (41(786)88 Ottawa) 50/88 — 53°25.5'N 131°54.9'W

17002 54Ed. 4/13/85 LAST NM 50/88
Add — Superbuoy ODAS, yellow, Fl(5) Y 20s — (50/88 CG13) 4/89 — 48°50'N 126°00'W

17002 54Ed. 4/13/85 LAST NM 4/89
Add — Superbuoy ODAS, yellow, Fl(5) Y 20s — (3(79)89 Ottawa) 14/89 — 54°17.4'N 133°24.0'W

★17003 3Ed. 4/13/85
Change — NEW EDITION
Characteristic of light to F Fl 12s — (DMAHTC) 30/85 — 48°55.4'N 125°32.3'W
Light to F Fl WR 5: 167ft 15M HORN R Bn — 48°47.2'N 125°12.9'W
(Previously published 20/85)

Add — Legend "R" to radiobeacon — 48°55'31"N 125°32'25"W
(Previously published 20/85)

17003 3Ed. 4/13/85 LAST NM 30/85
Add — Purple dashed lines (recommended route) between — (HNNM7457/85) 35/85 — 46°20'N 131°40'W; 54°35'N 139°00'W

between — 54°06'N 139°00'W; 46°20'N 132°05'W

joining — 48°32'N 124°59'W; 48°50'N 129°10'W; 54°50'N 137°12'W

joining — 54°50'N 138°17'W; 48°30'N 130°00'W; 48°28'N 124°59'W

Purple open-outlined arrows indicating flow of traffic oriented 276.3° — 48°39'N 126°00'W
276.3° — 48°48'N 128°00'W
320.2° — 49°37'N 130°00'W
320.2° — 52°39'N 134°00'W
320.2° — 54°03'N 136°00'W
141.9° — 53°05'N 136°00'W
141.9° — 51°35'N 134°00'W
141.9° — 49°11'N 131°00'W
090.6° — 48°26'N 128°00'W
090.6° — 48°22'N 126°00'W
090.6° — 46°50'N 132°00'W
330.1° — 50°18'N 135°00'W
330.1° — 53°37'N 138°00'W
150.1° — 52°57'N 138°00'W
150.1° — 49°36'N 135°00'W
150.1° — 46°50'N 132°38'W

Note
"NOTE A
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Legends "Note A" — 51°40'N 126°00'W; 48°38'N 128°00'W; 52°00'N 134°00'W; 50°00'N 135°00'W

17003	3Ed. 4/13/85 LAST NM 35/85		(44(1125)86 Ottawa) 49/86
	Change	Characteristic of buoy "46004" to Fl(4) Y 20s	50°57'N 135°55'W
17003	3Ed. 4/13/85 LAST NM 49/86		(MCNM7881/87; CL28/87) 5/87
	Add	Danger circle "Unexploded Ordnance Rep (1985)"	48°26.2'N 125°16.7'W
17003	3Ed. 4/13/85 LAST NM 5/87		(46(1153)86; 1(57)87 Ottawa) 6/87
	Relocate	Buoy "46004" close SE to	50°55.8'N 135°49.3'W
	Add	Racon at light	54°00.0'N 130°47.4'W
17003	3Ed. 4/13/85 LAST NM 6/87		(38/87 CG17) 45/87
	Add	Superbuoy ODAS "46184", yellow, Fl(5) Y 20s	53°55.2'N 138°51.3'W
★17003	3Ed. 4/13/85 LAST NM 45/87		(39/87 CG13) 47/87
	Add	Superbuoy ODAS "46036", yellow, Fl(5) Y 20s	48°18.8'N 133°50.5'W
17003	3Ed. 4/13/85 LAST NM 47/87		(20(384-387, 392)88 Ottawa) 26/88
	Delete	R Bn at lights	49°59.9'N 127°26.9'W 49°06.6'N 125°55.3'W 53°29.6'N 130°38.2'W 54°17.6'N 130°52.7'W
		R Bn	50°53.8'N 127°55.7'W
17003	3Ed. 4/13/85 LAST NM 26/88		(21(399)88 Ottawa) 32/88
	Delete	R Bn at light	48°55.5'N 125°32.4'W
17003	3Ed. 4/13/85 LAST NM 32/88		(41(786)88 Ottawa) 50/88
	Add	Legend "Racon" at light	53°25.5'N 131°54.9'W
17003	3Ed. 4/13/85 LAST NM 50/88		(50/88 CG13) 4/89
	Add	Superbuoy ODAS, yellow, Fl(5) Y 20s	48°50'N 126°00'W
17003	3Ed. 4/13/85 LAST NM 4/89		(3(79)89 Ottawa) 14/89
	Add	Superbuoy ODAS, yellow, Fl(5) Y 20s	54°17.4'N 133°24.0'W
★17005	9Ed. 2/27/88	NEW EDITION	(DMAHTC; MCNM7457/85; USCG LL) 22/88
	Change	Visibility (range) of lights to 17/15M 17/12M	48°08.5'N 123°24.0'W 50°38.0'N 127°09.2'W
	Add	Purple dashed lines (recommended route) joining	48°31.6'N 124°59.0'W 48°50.0'N 129°10.0'W 49°35.0'N 130°07.0'W
		joining	48°36.0'N 130°07.0'W 48°30.0'N 130°00.0'W 48°28.0'N 124°59.0'W
		Purple open-outlined arrows indicating flow of traffic oriented 276.3° 276.3° 320.2° 141.9° 090.6° 090.6°	48°37.5'N 126°00.0'W 48°47.0'N 128°00.0'W 49°31.0'N 130°00.0'W 48°30.0'N 130°02.3'W 48°26.2'N 128°00.0'W 48°27.2'N 126°00.0'W
		Note "NOTE A US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."	
		Legend "See Note A"	50°07.0'N 123°15.0'W 48°37.0'N 128°00.0'W
17005	9Ed. 2/27/88 LAST NM 22/88		(20(383-386)88 Ottawa) 26/88
	Delete	R Bn at lights	49°59.9'N 127°26.9'W 49°06.6'N 125°55.3'W 50°53.8'N 127°55.7'W 48°21.5'N 123°42.8'W
		R Bn	

17005 9Ed. 2/27/88 LAST NM 26/88
Delete R Bn at light (21(399)88 Ottawa) 32/88
48°55.5'N 125°32.4'W

17005 9Ed. 2/27/88 LAST NM 32/88
Add Superbuoy ODAS, yellow, Fl(5) Y 20s (50/88 CG13) 4/89
48°50'N 126°00'W

★17006 3Ed. 2/27/88 NEW EDITION (DMAHTC; MCNM7457/85; USCG LL) 22/88

Change Visibility (range) of lights to 17/15M
17/12M
48°08.5'N 123°24.0'W
50°38.0'N 127°09.2'W

Add Purple dashed lines
(recommended route) joining
48°31.6'N 124°59.0'W
48°50.0'N 129°10.0'W
49°35.0'N 130°07.0'W

joining
48°36.0'N 130°07.0'W
48°30.0'N 130°00.0'W
48°28.0'N 124°59.0'W

Purple open-outlined arrows indicating
flow of traffic oriented 276.3°
276.3° 48°37.5'N 126°00.0'W
320.2° 48°47.0'N 128°00.0'W
141.9° 49°31.0'N 130°00.0'W
090.6° 48°30.0'N 130°02.3'W
090.6° 48°26.2'N 128°00.0'W
48°27.2'N 126°00.0'W

Note
"NOTE A
US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."

Legend "See Note A" 50°07.0'N 123°15.0'W
48°37.0'N 128°00.0'W

17006 3Ed. 2/27/88 LAST NM 22/88
Delete R Bn at lights (20(383-386)88 Ottawa) 26/88
49°59.9'N 127°26.9'W
49°06.6'N 125°55.3'W
50°53.8'N 127°55.7'W

R Bn 48°21.5'N 123°42.8'W

17006 3Ed. 2/27/88 LAST NM 26/88
Delete R Bn at light (21(399)88 Ottawa) 32/88
48°55.5'N 125°32.4'W

17006 3Ed. 2/27/88 LAST NM 32/88
Add Superbuoy ODAS, yellow, Fl(5) Y 20s (50/88 CG13) 4/89
48°50'N 126°00'W

★17008 11Ed. 2/20/88 NEW EDITION
Add Purple dashed lines (DMAHTC; MCNM7457/85) 22/88
(recommended routes) between
50°45.0'N 131°36.0'W
52°33.0'N 134°00.0'W

between
51°40.0'N 134°00.0'W
50°45.0'N 132°51.0'W

Purple open-outlined arrows indicating
flow of traffic oriented 320.2°
141.9° 51°52.0'N 133°00.0'W
50°49.0'N 133°00.0'W

Note
"NOTE A
US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."

Legend "See note A" 54°07.0'N 129°18.0'W
51°20.0'N 133°00.0'W

17008 11Ed. 2/20/88 LAST NM 22/88
Delete RC at lights (20(386, 387, 392)88 Ottawa) 26/88
54°17.6'N 130°52.1'W
53°29.6'N 130°38.1'W

(continued on next page)

17008	(Continued) Delete	RC	26/88 50°53.8′N 127°55.7′W
17008	11Ed. 2/20/88 LAST Add	NM 26/88 Legend "Racon" at light	(41(786)88 Ottawa) 50/88 53°25.5′N 131°54.9′W
17008	11Ed. 2/20/88 LAST Add	NM 50/88 Superbuoy ODAS, yellow, Fl(5) Y 20s	(3(79)89 Ottawa) 14/89 54°17.4′N 133°24.0′W
★17009	4Ed. 2/20/88 Add	NEW EDITION Purple dashed lines (recommended route) between	(DMAHTC; MCNM7457/85) 22/88 50°45.0′N 131°36.0′W 52°33.0′N 134°00.0′W
		between	51°40.0′N 134°00.0′W 50°45.0′N 132°51.0′W
		Purple open-outlined arrows indicating flow of traffic oriented 320.2° 141.9°	51°52.0′N 133°00.0′W 50°49.0′N 133°00.0′W
		Note "NOTE A US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."	
			54°10.0′N 129°18.0′W
		Legend "See note A"	51°20.0′N 133°00.0′W
17009	4Ed. 2/20/88 LAST Delete	NM 22/88 RC at lights	(20(386, 327, 392)88 Ottawa) 26/88 54°17.6′N 130°52.1′W 53°29.6′N 130°38.1′W
		RC	50°53.8′N 127°55.7′W
17009	4Ed. 2/20/88 LAST Add	NM 26/88 Legend "Racon" at light	(41(786)88 Ottawa) 50/88 53°25.5′N 131°54.9′W
17009	4Ed. 2/20/88 LAST Add	NM 50/88 Superbuoy ODAS, yellow, Fl(5) Y 20s	(3(79)89 Ottawa) 14/89 54°17.4′N 133°24.0′W
★17300	24Ed. 6/15/85 Add	NEW EDITION Buoys (mooring) (mooring) (mooring)	(NOS) 36/85 58°06′13″N 135°28′07″W 58°06′13″N 135°27′58″W 58°06′04″N 135°28′02″W
		Obscured sector 313°-153° to light (Previously published 30/85)	58°05′54″N 136°27′56″W
17300	24Ed. 6/15/85 LAST Change	NM 36/85 Characteristic of buoy to Fl(2+1) R 6s	(NOS) 37/85 58°25.0′N 134°55.3′W
17300	24Ed. 6/15/85 LAST Change	NM 37/85 Obscured sector of light to 333°-133° (See 36/85-17300)	(34/85 CG17) 38/85 58°05′54″N 136°27′56″W
★17300	24Ed. 6/15/85 LAST Change	NM 38/85 Light "4" to Fl R 6s 30ft 4M	(39/85 CG17) 43/85 57°46′30″N 135°11′49″W
17300	24Ed. 6/15/85 LAST Add	NM 43/85 Light "2" Fl R 4s 9ft 3M	(1/86 CG17) 5/86 58°22′58″N 134°39′05″W
17300	24Ed. 6/15/85 LAST Add	NM 5/86 Buoy "11", green, Fl G 2.5s BELL Depth 4½ fathoms	(7/86 CG17; CL129/86) 11/86 58°18′24″N 135°39′10″W 57°53′33″N 134°13′39″W
★17300	24Ed. 6/15/85 LAST Add	NM 11/86 Depths 2¾ fathoms 5¼ fathoms 10¾ fathoms 2¼ fathoms 4½ fathoms	(9/86 CG17) 14/86 57°53′36″N 134°11′01″W 57°56′10″N 134°09′26″W 57°52′50″N 134°10′27″W 57°53′13″N 134°07′46″W 57°54′18″N 134°09′47″W
★17300	24Ed. 6/15/85 LAST Delete	NM 14/86 Light "11"	(6, 10/86 CG17) 15/86 58°18′45″N 135°38′48″W

(continued on next page)

★17300	(Continued)		
	Change	Light to Fl 4s 60ft 7M	15/86 58°10.4′N 135°15.4′W
★17300	24Ed. 6/15/85 LAST NM 15/86		
	Add	Depth 1½ fathoms	(14/86 CG17) 20/86 57°49′42″N 134°07′57″W
17300	24Ed. 6/15/85 LAST NM 20/86		
	Change	Height of light to 69ft (See 15/86-17300)	(16/86 CG17) 23/86 58°10.4′N 135°15.4′W
17300	24Ed. 6/15/85 LAST NM 23/86		
	Delete	Buoy "1"	(21, 22/86 CG17) 27/86 58°28.2′N 136°03.1′W
	Add	Buoy "4", red nun	58°28.2′N 136°01.6′W
17300	24Ed. 6/15/85 LAST NM 27/86		
	Add	Buoy (mooring)	(26/86 CG17) 32/86 58°20.1′N 134°44.5′W
17300	24Ed. 6/15/85 LAST NM 32/86		
	Delete	Buoy "14" (See 27/86-17300)	(32/86 CG17) 37/86 58°28.2′N 136°01.6′W
★17300	24Ed. 6/15/85 LAST NM 37/86		
	Delete	Designation from lights "4" "10" "2" "2"	(33-35/86 CG17) 39/86 58°19.3′N 136°02.4′W 58°17.2′N 135°46.9′W 57°57.3′N 136°13.7′W 58°16.3′N 136°24.0′W
	Change	Color of buoy to green and red bands (topmost band green)	58°21.6′N 134°48.3′W
		Characteristic of buoy "2" to Fl R 4s Period of light to 2.5s (See 5/86-17300)	58°10.0′N 135°27.2′W 58°22.9′N 134°39.1′W
		Buoy "PR" to red and green bands (topmost band red), Fl(2+1) R 6s BELL	58°31.7′N 134°56.0′W
		Light "13" to Fl G 4s 4M	58°10.7′N 135°03.0′W
	Add	Designation "2" to light	58°22.8′N 134°51.5′W
	Change	Light to "2" Fl R 4s 19ft 4M	59°26.9′N 135°19.3′W
★17300	24Ed. 6/15/85 LAST NM 39/86		
	Substitute	Depths 6¼ fathoms Rk for 8 fathoms 4½ fathoms Rk for 4½ fathoms (Supersedes 11/86-17300)	(48/86 CG17; CL1102/86) 52/86 57°51′11″N 134°07′48″W 57°53′33″N 134°13′39″W
★17300	24Ed. 6/15/85 LAST NM 52/86		
	Substitute	Depths 1 fathom for 2¼ fathoms 3 fathoms for 6 fathoms ½ fathom for 1½ fathoms 9 fathoms for 14 fathoms 5 fathoms for 7 fathoms	(50/86 CG17) 3/87 57°57.5′N 134°17.4′W 57°57.8′N 134°17.6′W 57°58.4′N 134°18.6′W 58°00.9′N 134°14.0′W 58°01.5′N 134°14.8′W
	Add	Depths 1 fathom 4 fathoms 1 fathom 5 fathoms 2 fathoms 2 fathoms 2 fathoms 4 fathoms	57°57.6′N 134°16.1′W 57°57.8′N 134°13.0′W 57°56.8′N 134°12.2′W 57°56.8′N 134°10.1′W 57°58.3′N 134°12.1′W 57°58.8′N 134°12.6′W 57°59.0′N 134°12.9′W 57°59.2′N 134°12.9′W
★17300	24Ed. 6/15/85 LAST NM 3/87		
	Change	Characteristic of lights (2) to Fl Y 2.5s	(52/86, 1/87 CG17) 7/87 58°15′48″N 134°20′10″W
	Add	Depth 4¾ fathoms	57°55′22″N 134°08′46″W
17300	24Ed. 6/15/85 LAST NM 7/87		
	Delete	Designation "4" from light	(5/87 CG17; NOS) 10/87 58°13.3′N 136°21.2′W
	Add	Depth 8½ fathoms	58°00′54″N 134°13′51″W
★17300	24Ed. 6/15/85 LAST NM 10/87		
	Add	Chartlet, depicting changes in hydrography, from back of Section I	(NOS) 12/87 57°50.0′N 134°10.0′W

★17300	24Ed. 6/15/85 LAST	NM 12/87	(8/87 CG17) 13/87
	Change	Characteristic of light "12" to Fl R 6s	58°08.0'N 135°16.2'W
		Characteristic of buoy "6" to Fl R 4s	58°13.9'N 136°15.4'W
17300	24Ed. 6/15/85 LAST	NM 13/87	(11/87 CG17) 16/87
	Change	Characteristic of buoy "2" to Fl R 6s	58°17.4'N 136°53.3'W
17300	24Ed. 6/15/85 LAST	NM 16/87	(13/87 CG17) 19/87
	Substitute	Depth 1¾ fathoms for 3¼ fathoms	58°06'53"N 135°18'09"W
	Add	Depths 15¼ fathoms	58°07'46"N 135°14'47"W
		11¼ fathoms	58°11'05"N 135°22'06"W
		11¾ fathoms	58°07'24"N 135°17'12"W
		16½ fathoms	58°08'27"N 135°00'18"W
		19½ fathoms	58°07'45"N 135°00'54"W
		20 fathoms	58°08'32"N 135°00'48"W
★17300	24Ed. 6/15/85 LAST	NM 19/87	(MCNM7943/87; 32/86 CG17) 25/87
	Delete	Buoy "4" (Cancels 37/86-17300)	58°28.2'N 136°01.6'W
	Add	Depths 3½ fathoms Rk	58°02'55"N 134°14'44"W
		2½ fathoms Rk	58°02'40"N 134°15'27"W
		1¾ fathoms Rk	58°02'04"N 134°15'06"W
		3¼ fathoms	58°03'28"N 134°16'37"W
		2¾ fathoms	58°03'24"N 134°15'15"W
		(See 12/87-17300)	
★17300	24Ed. 6/15/85 LAST	NM 25/87	(22/87 CG17) 29/87
	Add	Depth 9¾ fathoms (See 12/87-17300)	57°57.6'N 134°12.4'W
17300	24Ed. 6/15/85 LAST	NM 29/87	(25/87 CG17) 33/87
	Change	Color of buoy "1" to green	59°14.7'N 135°25.2'W
★17300	24Ed. 6/15/85 LAST	NM 33/87	(30/87 CG17) 41/87
	Add	Depths 1¼ fathoms	58°14.0'N 135°02.5'W
		½ fathom Rk	58°14.9'N 135°04.1'W
		¾ fathom Rk	58°13.5'N 135°06.3'W
		Reef "Uncov 4ft"	58°12.2'N 135°07.3'W
★17300	24Ed. 6/15/85 LAST	NM 41/87	(37/87 CG17) 44/87
	Add	Depth ¾ fathom enclosed by danger circle (See 12/87-17300)	57°57.7'N 134°15.8'W
★17300	24Ed. 6/15/85 LAST	NM 44/87	(45/87 CG17) 51/87
	Delete	Designation "7" from light and change visibility (range) to 5M	58°15.6'N 136°06.8'W
		Buoy "WR4A"	58°18.3'N 134°26.0'W
		Legend "Wreck visible 55ft rep"	58°18.9'N 134°25.5'W
	Change	Light "4" to Fl R 6s 5M (PA)	57°56.1'N 136°21.6'W
	Add	Buoy (mooring) "CG"	58°24.7'N 134°56.8'W
17300	24Ed. 6/15/85 LAST	NM 51/87	(49/87 CG17) 2/88
	Change	Visibility (range) of light to 13M	58°32.8'N 134°55.3'W
17300	24Ed. 6/15/85 LAST	NM 2/88	(12/88 CG17) 17/88
	Change	Color of buoy "1" to green	57°56.2'N 136°34.5'W
17300	24Ed. 6/15/85 LAST	NM 17/88	(25/88 CG17) 32/88
	Substitute	Buoy "4", red nun for Bn "4"	58°02.1'N 136°21.8'W
17300	24Ed. 6/15/85 LAST	NM 32/88	(28/88 CG17) 34/88
	Substitute	Depths 1½ fathoms for 3½ fathoms	58°08.4'N 135°22.5'W
		4½ fathoms for 5¼ fathoms	58°08.3'N 135°17.4'W
		7½ fathoms for 9 fathoms	58°10.6'N 135°16.8'W
	Add	Depths 3¼ fathoms	58°08.2'N 135°21.9'W
		1½ fathoms	58°05.6'N 135°11.2'W
17300	24Ed. 6/15/85 LAST	NM 34/88	(29/88 CG17) 37/88
	Add	Buoy "1", green can	58°28.1'N 136°03.3'W

17300	24Ed. 6/15/85 LAST NM 37/88		
	Change	Color of buoy "1" to green	(46/88 CG17) 53/88 58°07.0'N 136°27.4'W
17300	24Ed. 6/15/85 LAST NM 53/88		
	Change	Designation of light "2" to "8"	(19/89 CG17) 23/89 58°06.2'N 134°46.2'W
		Buoy "1" to "5", green, Fl G 4s	58°05.6'N 134°46.6'W
★17301	6Ed. 9/1/79	NEW EDITION	(NOS) 49/79
17301	6Ed. 9/1/79 LAST NM 49/79		
	Change	Period of light to 10sec	(19/81 CG17) 24/81 58°11'58"N 136°38'19"W
★17301	6Ed. 9/1/79 LAST NM 24/81		
	Change	Characteristic of buoy "2" to Fl R 6s	(11/87 CG17) 16/87 58°17'24"N 136°53'16"W
★17302	14Ed. 10/3/81	NEW EDITION	(NOS; 50/81 CG17) 2/82
	Relocate	Buoy "1" close SE to	58°23'20"N 135°44'27"W
★17302	14Ed. 10/3/81 LAST NM 2/82		
	Relocate	Buoy "1" (58°23'20"N 135°44'27"W) to (Supersedes 2/82-17302)	(4/82 CG17) 9/82 58°23'19"N 135°44'38"W
★17302	14Ed. 10/3/81 LAST NM 9/82		
	Add	Depths ¾ fathom Rk	(6/82 CG17) 11/82
		½ fathom	58°06'27"N 135°27'49"W
		½ fathom Kk	58°06'22"N 135°27'23"W
		2½ fathoms Rk	58°06'03"N 135°28'22"W 58°03'38"N 135°32'11"W
★17302	14Ed. 10/3/81 LAST NM 11/82		
		(Inset Elfin Cove)	(12/82 CG17) 19/82
	Delete	Bn "1"	58°11'42.5"N 136°20'53.2"W
	Add	Buoy "1", black can	58°11'43.0"N 136°20'54.0"W
★17302	14Ed. 10/3/81 LAST NM 19/82		
	Change	Designation of buoy "2" to "6"	(20/82 CG17) 27/82 58°13'54"N 136°15'21"W
		Visibility (range) of light to 3M and add designation "2"	58°11'42"N 136°21'00"W
		Light to Fl G 2.5sec 18ft 3M and add designation "3"	58°10'00"N 136°21'27"W
	Add	Designation to lights "4"	58°13'19"N 136°21'10"W
		"2"	58°16'20"N 136°24'02"W
		"2"	58°12'42"N 136°22'44"W
		"1"	58°09'15"N 136°22'57"W
		(Inset Elfin Cove)	
	Change	Designation of buoy "1" to "3"	58°11'43.0"N 136°20'54.0"W
		Designation of beacons "3" to "5"	
		"4" to "6"	58°11'41.0"N 136°20'50.2"W
		"5" to "7"	58°11'38.9"N 136°20'50.2"W 58°11'35.0"N 136°20'38.0"W
		Visibility (range) of light to 3M and add designation "2"	58°12'42.5"N 136°20'59.5"W
★17302	14Ed. 10/3/81 LAST NM 27/82		
		(Inset Elfin Cove)	(21/82 CG17) 28/82
	Substitute	Bn "3" for buoy "3" (See 27/82-17302)	58°11'42.5"N 136°20'53.0"W
	Change	Light to Fl G 6sec 26ft 4M and add designation "3"	58°07'55"N 135°27'47"W
		Light to Fl R 6sec 22ft 4M and add designation "2"	58°23'12"N 135°37'39"W
		Characteristic of buoy "2" to Fl 4sec	58°10'01"N 135°27'06"W
	Add	Designation to lights "10"	58°17'18"N 135°46'54"W
		"4"	58°19'12"N 136°02'21"W
		Light "7" Fl 2.5sec 4M with obscured sector 299°-100°	58°15'36"N 136°06'48"W

★17302	14Ed. 10/3/81 LAST NM 28/82		
	Delete	Buoy "1"	(26/82 CG17) 32/82 58°18′21″N 135°39′09″W
	Add	Light "11" Fl 2.5sec 29ft 5M	58°18′45″N 135°38′48″W
★17302	14Ed. 10/3/81 LAST NM 32/82		
	Substitute	Depth 4½ fathoms for 6¼ fathoms	(31/82 CG17) 37/82 58°02′07″N 135°36′53″W
	Add	Depth 5 fathoms	58°02′31.0″N 135°36′15.0″W
		1¼ fathoms	58°00′09.0″N 135°37′25.0″W
		¾ fathom Rk	58°02′00.5″N 135°39′46.0″W
		Rock awash	58°01′34.0″N 135°39′05.0″W
★17302	14Ed. 10/3/81 LAST NM 37/82		
	Change	Obscured sector of light "7" to 121°-280° (See 28/82-17302)	(NOS; 21, 33/82 CG17) 38/82 58°15′36″N 136°06′48″W
	Add	Chartlets, depicting changes in hydrography and aids to navigation, from back of Section I	
		(A)	58°09.6′N 135°28.4′W
		(B)	58°02.0′N 135°36.3′W
		Light "8" Fl R 4sec 5M with obscured sector 230°-049° (PA)	58°14′52″N 135°54′20″W
★17302	14Ed. 10/3/81 LAST NM 38/82		
	Delete	Buoy (mooring)	(41/82 CG17) 46/82 58°02′54″N 135°38′32″W
	Add	Buoys (mooring) Fl Y 4sec (Priv maintd)	58°07′00″N 135°27′27″W
		(See 38/82-17302)	58°06′57″N 135°27′18″W
★17302	14Ed. 10/3/81 LAST NM 46/82		
	Add	Chartlets, depicting changes in hydrography and topography, from back of Section I	(NOS) 13/83
		(A)	58°04.0′N 135°33.0′W
		(B)	57°59.0′N 135°40.0′W
		(See 38/82-17302)	
17302	14Ed. 10/3/81 LAST NM 13/83		
	Change	Obscured sector of light "4" to 280°-086° (See 28/82-17302)	(20/83 CG17) 25/83 58°19′12″N 136°02′21″W
17302	14Ed. 10/3/81 LAST NM 25/83		
	Add	Position circle "Dols"	(CL666/83) 38/83 57°57′29″N 136°13′38″W
★17302	14Ed. 10/3/81 LAST NM 38/83		
	Substitute	Rock awash for depth 3 fathoms Rk (See 13/83-17302)	(BP117583) 43/83 58°00′36″N 135°37′51″W
★17302	14Ed. 10/3/81 LAST NM 43/83		
	Add	Dangerous wreck (PA)	(49/83 CG17) 1/84 58°22.5′N 135°35.0′W
★17302	14Ed. 10/3/81 LAST NM 1/84		
	Change	Color of buoy "1" to green	(50/83 CG17) 4/84 58°23′19″N 135°44′38″W
★17302	14Ed. 10/3/81 LAST NM 4/84		
	Delete	Designation "1" from light	(4/84 CG17) 8/84 58°09′14″N 136°22′56″W
★17302	14Ed. 10/3/81 LAST NM 8/84		
	Substitute	Islet for depth 9 fathoms (See 13/83-17302)	(NOS) 11/84 58°02′54″N 135°33′46″W
★17302	14Ed. 10/3/81 LAST NM 11/84		
	Delete	Depth 2¼ fathoms (See 13/83-17302)	(H10010) 26/84 58°01′33″N 135°39′00″W
17302	14Ed. 10/3/81 LAST NM 26/84		
	Relocate	Buoy "2" close W to	(44/84 CG17) 1/85 58°22.4′N 135°55.8′W

★17302	14Ed. 10/3/81 LAST NM 1/85		
	Substitute	Depths 9½ fathoms for 9¼ fathoms	(46/84 CG17) 2/85
		3 fathoms for 2½ fathoms	58°08'45.0"N 135°30'13.5"W
		5½ fathoms Rk for	58°10'08.0"N 135°28'48.0"W
		5½ fathoms	58°10'44.5"N 135°29'40.0"W
		(See 38/82-17302)	
★17302	14Ed. 10/3/81 LAST NM 2/85		
	Change	Obscured sector of light "2" to	(25/85 CG17) 30/85
		316°-147°	58°04'13"N 136°25'48"W
	Relocate	Buoys	
		(mooring) (58°07.0'N 135°27.5'W) to	58°06'13"N 135°28'07"W
		(mooring) (58°06.9'N 135°27.3'W)	58°06'13"N 135°27'58"W
		(See 38/82-17302)	
	Add	Rock awash (PA)	58°06'35"N 136°26'55"W
		Obscured sector 313°-153° to light	58°05'54"N 136°27'56"W
		Buoy (mooring)	58°06'04"N 135°28'02"W
		(See 38/82-17302)	
17302	14Ed. 10/3/81 LAST NM 30/85		
	Change	Obscured sector of light to 333°-133°	(34/85 CG17) 38/85
		(See 30/85-17302)	58°05'54"N 136°27'56"W
★17302	14Ed. 10/3/81 LAST NM 38/85		
	Add	Buoy "11", green, Fl G 2.5s BELL	(7/86 CG17) 11/86
			58°18'24"N 135°39'10"W
17302	14Ed. 10/3/81 LAST NM 11/86		
	Delete	Light "11"	(6/86 CG17) 15/86
			58°18'45"N 135°38'48"W
17302	14Ed. 10/3/81 LAST NM 15/86		
	Delete	Light from buoys (mooring)	(30/86 CG17) 35/86
			58°06'13"N 135°28'07"W
			58°06'13"N 135°27'58"W
17302	14Ed. 10/3/81 LAST NM 35/86		
	Delete	Designation from lights "4"	(34/86 CG17) 39/86
		"10"	58°19'09"N 136°02'23"W
		"2"	58°17'12"N 135°46'52"W
		"2"	57°57'21"N 136°13'41"W
			58°16'21"N 136°24'03"W
	Change	Light "2" to Fl R 4s 38ft 3M	
		Characteristic of buoy "2" to Fl R 4s	58°06'35"N 135°26'57"W
			58°10'05"N 135°27'06"W
★17302	14Ed. 10/3/81 LAST NM 39/86		
	Delete	Designation "4" from light	(5/87 CG17) 10/87
			58°13'21"N 136°21'10"W
17302	14Ed. 10/3/81 LAST NM 10/87		
	Change	Characteristic of buoy "6" to Fl R 4s	(8/87 CG17) 13/87
			58°13'54"N 136°15'21"W
17302	14Ed. 10/3/81 LAST NM 13/87		
	Delete	Designation "7" from light	(45/87 CG17) 51/87
		and change visibility (range) to 5M	58°15'36"N 136°09'48"W
	Change	Light "4" to FlR 6s 5M (PA)	57°56'06"N 136°21'30"W
17302	14Ed. 10/3/81 LAST NM 51/87		
	Add	Depths 1 fathom	(51/87 CG17) 4/88
		1¾ fathoms	58°19'06"N 135°26'26"W
		3⅜ fathoms	58°22'31"N 135°28'18"W
			58°19'53"N 135°27'43"W
		Rock "Uncov 6ft"	58°19'29"N 135°27'00"W
		"Uncov 5ft"	58°19'36"N 135°27'56"W
		Reef "Uncov 3ft"	58°20'14"N 135°27'55"W
		Rock awash	58°20'35"N 135°28'31"W
17302	14Ed. 10/3/81 LAST NM 4/88		
	Add	Depths 9 fathom Rk	(MCNM8054/88) 8/88
		2¼ fathoms Rk	58°19'36"N 135°28'16"W
		1¾ fathoms Rk	58°20'16"N 135°28'33"W
			58°20'20"N 135°28'27"W
17302	14Ed. 10/3/81 LAST NM 8/88		
	Substitute	Buoy "4", red nun for Bn "4"	(25/88 CG17) 32/88
			58°02'06"N 136°21'50"W

17302	14Ed. 10/3/81 LAST NM 32/88		(26/88 CG17) 33/88
	Add	Depths 1 fathom Rk	58°24'53"N 135°26'29"W
		2½ fathoms Rk	58°26'40"N 135°27'24"W
		4¼ fathoms Rk	58°27'07"N 135°28'32"W
★17302	14Ed. 10/3/81 LAST NM 33/88		(MCNM8049/88) 34/88
	Substitute	Rock "Uncov 4ft" for depth 2½ fathoms	58°22'57"N 135°41'11"W
	Add	Depths 2¼ fathoms Rk	58°22'28"N 135°29'07"W
		1¼ fathoms Rk	58°22'53"N 135°30'42"W
		½ fathom Rk	58°23'06"N 135°40'04"W
		1¾ fathoms Rk	58°22'57"N 135°41'32"W
		1¼ fathoms	58°22'08"N 135°44'07"W
		Rock "Uncov 7ft"	58°20'24"N 135°41'43"W
★17302	14Ed. 10/3/81 LAST NM 34/88		(30, 31/88 CG17) 37/88
	Relocate	Buoy "1" (58°23'19"N 135°44'38"W) to	58°23'16"N 135°44'42"W
		Light "2" close E to	58°23'12"N 135°37'36"W
	Add	Rock "Uncov 1ft"	58°21'26"N 135°43'21"W
17302	14Ed. 10/3/81 LAST NM 37/88		(46/88 CG17) 53/88
	Change	Color of buoy "1" to green	58°07.0'N 136°27.4'W
★17302	14Ed. 10/3/81 LAST NM 53/88		(BP135895) 6/89
	Add	Rock awash enclosed by danger circle	58°13'18"N 136°03'21"W
★17302	14Ed. 10/3/81 LAST NM 6/89		(MCNM8186/88) 8/89
	Add	Depth 2¼ fathoms Rk	58°21'56"N 135°44'00"W
★17303	6Ed. 7/19/80	NEW EDITION	(NOS, 38/80 CG17) 44/80
	Add	Wreck (PA)	57°56.7'N 136°39.3'W
★17303	6Ed. 7/19/80 LAST NM 44/80		(18/81 CG17) 22/81
	Add	Buoy "1", black, BELL	57°56.2'N 136°34.5'W
★17303	6Ed. 7/19/80 LAST NM 22/81		(23/81 CG17) 27/81
	Substitute	Buoy "1", black can, for light "1"	58°07'01"N 136°27'28"W
	Add	Light Fl 6sec 5M	58°05'54"N 136°27'56"W
★17303	6Ed. 7/19/80 LAST NM 27/81		(CL666/83) 38/83
		(And Inset)	
	Delete	Position circle	57°57'27.5"N 136°13'37.0"W
	Add	Position circle "Dots"	57°57'29.0"N 136°13'38.0"W
★17303	6Ed. 7/19/80 LAST NM 38/83		(18/85 CG17) 22/85
	Change	Color of buoy to green and red bands (topmost band green)	57°49'48"N 136°28'00"W
	Add	Note in upper center margin of chart "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	
17303	6Ed. 7/19/80 LAST NM 22/85		(25/85 CG17) 30/85
	Add	Obscured sector 313°-153° to light	58°05'54"N 136°27'56"W
		Rock awash (PA)	58°06'35"N 136°26'55"W

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★17303	6Ed. 7/19/80 LAST NM 30/85 Change	Obscured sector of light to 333°-133° (See 30/85-17303)	(34/85 CG17) 38/85 58°05'54"N 136°27'56"W
17303	6Ed. 7/19/80 LAST NM 38/85 Delete	(And Inset) Designation "2" from light	(34/86 CG17) 39/86 57°57'22"N 136°13'41"W
17303	6Ed. 7/19/80 LAST NM 39/86 Change	Light "4" to Fl R 6s 5M (PA)	(45/87 CG17) 51/87 57°56'09"N 136°21'34"W
★17303	6Ed. 7/19/80 LAST NM 51/87 Change	Obscured sector of light "5" to 136°-320°	(47/87 CG17) 1/88 58°01'43"N 136°19'53"W
★17303	6Ed. 7/19/80 LAST NM 1/88 Change	Color of buoy "1" to green	(12/88 CG17) 17/88 57°56'12"N 136°34'30"W
★17303	6Ed. 7/19/80 LAST NM 17/88 Substitute	Buoy "4", red nun for Bn "4"	(25/88 CG17) 32/88 58°02'06"N 136°21'50"W
★17303	6Ed. 7/19/80 LAST NM 32/88 Change	Color of buoy "1" to green	(46/88 CG17) 53/88 58°07'01"N 136°27'28"W
★17313	6Ed. 9/3/77	NEW EDITION	(NOS) 48/77
★17314	10Ed. 4/30/83	NEW EDITION	(NOS) 28/83
★17315	19Ed. 1/12/85	NEW EDITION	(NOS) 12/85
★17315	19Ed. 1/12/85 LAST NM 12/85 Change	Color of buoy "7" to green	(13/85 CG17) 17/85 58°19'28"N 134°27'59"W
★17315	19Ed. 1/12/85 LAST NM 17/85 Add	Light (2) Fl R 2.5s (Priv maintd) (PA)	(16/85 CG17) 20/85 58°15'48"N 134°20'10"W
★17315	19Ed. 1/12/85 LAST NM 20/85 Add	Light "2" Fl R 4s 9ft 3M	(1/86 CG17) 5/86 58°22'58"N 134°39'05"W
★17315	19Ed. 1/12/85 LAST NM 5/86 Change	Light "A" to "1B" Fl G 4M	(11/86 CG17) 17/86 58°18'27"N 134°26'19"W
	Change	(Inset) Light "A" to "1B" Fl G 4s 31ft 4M	58°18'27.4"N 134°26'19.0"W
★17315	19Ed. 1/12/85 LAST NM 17/86 Add	(Inset) Legends "Shoaling (rep 1986)"	(CL447/86) 23/86 58°17'21"N 134°23'49"W 58°17'45"N 134°23'56"W
★17315	19Ed. 1/12/85 LAST NM 23/86 Add	Buoy (mooring)	(26, 28/86 CG17) 32/86 58°20.1'N 134°44.5'W
	Add	(And Inset) Buoys (2) (mooring) (Priv maintd)	58°18'31.6"N 134°26'25.0"W
17315	19Ed. 1/12/85 LAST NM 32/86 Change	Period of light "2" to 2.5s (See 5/86-17315)	(33/86 CG17) 39/86 58°22'58"N 134°39'05"W
★17315	19Ed. 1/12/85 LAST NM 39/86 Add	Buoy "1", green can	(39/86 CG17) 43/86 58°23'01"N 134°39'05"W
★17315	19Ed. 1/12/85 LAST NM 43/86 Substitute	(Inset) Depth 5 fathoms for 8 fathoms and legend "Shoaling (rep 1986)" (See 23/86-17315)	(CL1286/86) 3/87 58°17'45"N 134°23'56"W
17315	19Ed. 1/12/85 LAST NM 3/87 Change	Characteristic of lights (2) to Fl Y 2.5s	(52/86 CG17) 7/87 58°15'48"N 134°20'10"W
★17315	19Ed. 1/12/85 LAST NM 7/87 Add	Submarine pipeline between	(12/87 CG17) 19/87 58°19'27"N 134°28'44"W 58°19'43"N 134°28'19"W

★17315	19Ed. 1/12/85 LAST	NM 19/87 (Inset)	(21/87 CG17) 29/87
	Add	Danger circle "Obstr (uncovers 3ft)"	58°17'02.2"N 134°22'39.0"W
★17315	19Ed. 1/12/85 LAST	NM 29/87	(35/87 CG17) 44/87
	Delete	Buoy "1"	58°23'00"N 134°39'06"W
	Add	Buoy "1", green can	58°21'51"N 134°41'57"W
		Bn "1", green	58°23'00"N 134°39'10"W
★17315	19Ed. 1/12/85 LAST	NM 44/87	(38/87 CG17) 45/87
	Relocate	Buoy "1" (58°21'51"N 134°41'57"W) to	58°21'55"N 134°41'40"W
		(See 44/87-17315)	
17315	19Ed. 1/12/85 LAST	NM 45/87 (And Inset)	(45/87 CG17) 51/87
	Delete	Buoy "WR4A"	58°18'19"N 134°26'03"W
	Substitute	Dangerous wreck for stranded wreck	58°18'20"N 134°26'02"W
★17315	19Ed. 1/12/85 LAST	NM 51/87	(28/87 CG17) 34/88
	Add	Wreck (PA)	58°12'06"N 134°15'00"W
★17316	15Ed. 8/29/87	NEW EDITION	(35, 38/87 CG17; NOS) 47/87
	Delete	Buoy "1"	58°23.0'N 134°39.1'W
		(Previously published 44/87)	
	Add	Bn "1", green	58°23'00"N 134°39'12"W
		Buoy "1", green can	58°21'55"N 134°41'40"W
★17316	15Ed. 8/29/87 LAST	NM 47/87	(MCNM8023/87) 50/87
	Add	Rock "Uncov 5ft"	58°17'25"N 135°05'31"W
		Reef "Uncov 7ft"	58°17'08"N 135°03'05"W
		Depths 3¼ fathoms Rk	58°17'52"N 135°02'54"W
		2½ fathoms Rk	58°15'26"N 135°04'03"W
		5½ fathoms Rk	58°15'10"N 135°04'53"W
		6½ fathoms Rk	58°15'33"N 135°05'03"W
		4½ fathoms Rk	58°17'25"N 135°05'31"W
17316	15Ed. 8/29/87 LAST	NM 50/87	(45/87 CG17) 51/87
	Relocate	Buoy "2" close N to	58°25'21"N 134°46'03"W
	Add	Buoy (mooring) "CG"	58°24'40"N 134°56'50"W
★17316	15Ed. 8/29/87 LAST	NM 51/87	(49/87 CG17) 2/88
	Change	Visibility (range) of light to 13M	58°32'47"N 134°55'18"W
17316	15Ed. 8/29/87 LAST	NM 2/88	(NOS) 3/88
	Relocate	Buoy "2" close NW to	58°10'01.5"N 135°27'07.2"W
★17316	15Ed. 8/29/87 LAST	NM 3/88	(51/87 CG17) 4/88
	Add	Depths 1 fathom	58°19'06"N 135°26'26"W
		1¼ fathoms	58°22'31"N 135°28'18"W
		3¾ fathoms	58°19'53"N 135°27'43"W
		Rock "Uncov 6ft"	58°19'29"N 135°27'00"W
		"Uncov 5ft"	58°19'36"N 135°27'56"W
		Reef "Uncov 3ft"	58°20'14"N 135°27'55"W
		Rock awash	58°20'35"N 135°28'31"W
17316	15Ed. 8/29/87 LAST	NM 4/88	(MCNM8023/87) 7/88
	Delete	Depth 4½ fathoms Rk	58°17'25"N 135°05'31"W
		(See 50/87-17316)	
	Add	Depth 4½ fathoms Rk	58°15'53"N 135°05'33"W
★17316	15Ed. 8/29/87 LAST	NM 7/88	(MCNM8054/88) 8/88
	Add	Depths ½ fathom Rk	58°19'36"N 135°28'16"W
		2¼ fathoms Rk	58°20'16"N 135°28'33"W
		1¼ fathoms Rk	58°20'20"N 135°28'27"W
★17316	15Ed. 8/29/87 LAST	NM 8/88	(14/88 CG17) 19/88
	Add	Depth 1¼ fathoms	58°17'07"N 135°03'03"W

★17316	15Ed. 8/29/87 LAST NM 19/88		(MCNM8100/88) 22/88
	Add	Depths 4 fathoms Rk	58°10'31"N 135°03'40"W
		5 fathoms Rk	58°10'36"N 135°03'42"W
		⅛ fathom Rk	58°11'34"N 135°06'01"W
		⅜ fathom Rk	58°11'36"N 135°06'06"W
		1½ fathoms Rk	58°11'39"N 135°06'15"W
		5 fathoms Rk	58°12'06"N 135°07'42"W
		1¼ fathoms Rk	58°11'45"N 135°06'25"W
		Rock "Uncov 2ft"	58°12'52"N 135°06'51"W
★17316	15Ed. 8/29/87 LAST NM 22/88		(26/88 CG17) 33/88
	Add	Depths 1 fathom Rk	58°24'53"N 135°26'29"W
		2½ fathoms Rk	58°26'40"N 135°27'24"W
		4½ fathoms Rk	58°27'07"N 135°28'32"W
		Rock "Uncov 4ft"	58°28'05"N 135°28'44"W
★17316	15Ed. 8/29/87 LAST NM 33/88		(28/88 CG17; MCNM8049/88) 34/88
	Substitute	Depths 3¾ fathoms for 5 fathoms	58°08'07"N 135°21'34"W
		4½ fathoms Rk for 5½ fathoms	58°08'20"N 135°17'24"W
		7½ fathoms for 9 fathoms	58°10'36"N 135°16'51"W
	Add	Depths 1½ fathoms	58°08'23"N 135°22'30"W
		3¼ fathoms	58°08'14"N 135°21'54"W
		1½ fathoms	58°06'36"N 155°19'34"W
		4½ fathoms	58°07'33"N 135°19'10"W
		3½ fathoms Rk	58°07'35"N 135°19'26"W
		2¼ fathoms Rk	58°22'28"N 135°29'07"W
		1¼ fathoms Rk	58°22'53"N 135°30'42"W
★17316	15Ed. 8/29/87 LAST NM 34/88		(19/89 CG17) 23/89
	Delete	(Inset Hawk Inlet) Buoy "1"	58°05'30"N 134°46'40"W
	Change	Designation of light "2" to "8"	58°06'13"N 134°46'15"W
	Add	Buoys "2", red nun	58°04'44"N 134°47'42"W
		"3", green can	58°05'29"N 134°46'54"W
		"5", green, Fl G 4s	58°05'34"N 134°46'13"W
		"6", red nun	58°06'01"N 134°46'20"W
★17317	15Ed. 9/3/83	NEW EDITION	(NOS) 49/83
★17317	15Ed. 9/3/83 LAST NM 49/83		
	Relocate	Buoy "1" close E to	(36/85 CG17) 40/85 59°14'41"N 135°25'08"W
★17317	15Ed. 9/3/83 LAST NM 40/85		
	Add	(And Inset Portage Cove) Purple dashed line "Sewer" between	(BP12/5/89) 45/85 59°13'56.3"N 135°26'21.5"W 59°13'58.5"N 135°25'45.0"W
17317	15Ed. 9/3/83 LAST NM 45/85		
	Add	Designation "2" to light	(34/86 CG17) 39/86 59°10'26"N 135°23'56"W
	Change	(And Inset Skagway and Nahku Bay) Light to "2" Fl R 4s 19ft 4M	59°26'57"N 135°19'13"W
★17317	15Ed. 9/3/83 LAST NM 39/86		
	Change	Color of buoy "1" to green	(36/85, 25/87 CG17) 33/87 59°14'41"N 135°25'08"W
	Relocate	(Inset Portage Cove) Buoy "1" close NE to and change color to green	59°14'41"N 135°25'08"W
17317	15Ed. 9/3/83 LAST NM 33/87		
	Change	(And Inset Lutak Inlet) Legend to "RESTRICTED AREA 334.1310 (see note A)"	(FED REG 10/22/85) 41/87 59°16.9'N 135°26.7'W
★17318	2Ed. 1/12/85	NEW EDITION	(NOS) 14/85
★17318	2Ed. 1/12/85 LAST NM 14/85		
	Delete	Buoy "1"	(21, 22/86 CG17) 27/86 58°28'06"N 136°03'10"W
	Add	Buoy "4", red nun	58°28.2'N 136°01.6'W

★17318	2Ed. 1/12/85 LAST NM 27/86		(32/86 CG17) 37/86
	Delete	Buoy "4" (See 27/86-17318)	58°28.2'N 136°01.6'W
★17318	2Ed. 1/12/85 LAST NM 37/86		(29/88 CG17) 37/88
	Add	Buoy "1", green can	58°28'05"N 136°03'17"W
★17320	13Ed. 2/25/89	NEW EDITION	(NOS) 18/89
★17321	7Ed. 9/1/79	NEW EDITION	(NOS) 50/79
	Add	Light "1" Q& Fl G 33ft 4M (Previously published 42/79)	57°50'22"N 136°26'50"W
17321	7Ed. 9/1/79 LAST NM 50/79		(49/79 CG17) 2/80
	Delete	Light "1" (Supersedes 42/79-17321)	57°50'22"N 136°26'50"W
17321	7Ed. 9/1/79 LAST NM 2/80		(18/85 CG17) 22/85
	Change	Color of buoy to green and red bands (topmost band green)	57°49'48"N 136°28'00"W
	Add	Note in upper right margin of chart "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	
★17321	7Ed. 9/1/79 LAST NM 22/85		(NOS) 30/87
	Add	Depth ½ fathom Rk	57°48'43"N 136°23'54"W
★17322	7Ed. 3/21/81	NEW EDITION	(NOS) 23/81
★17322	7Ed. 3/21/81 LAST NM 23/81		(17/84 CG17) 22/84
	Change	Characteristic of buoy "2" to Fl R 6sec	57°31'14"N 136°07'38"W
★17322	7Ed. 3/21/81 LAST NM 22/84		(MCNM7983/87) 42/87
	Add	Depth 12 fathoms enclosed by danger circle	57°35'47"N 136°20'47"W
★17323	9Ed. 3/4/89	NEW EDITION	(NOS) 18/89
★17324	13Ed. 3/25/89	NEW EDITION	(NOS) 23/89
★17325	6Ed. 9/1/79	NEW EDITION	(NOS) 50/79
★17326	10Ed. 2/9/80	NEW EDITION	(NOS) 19/80
17326	10Ed. 2/9/80 LAST NM 19/80		(12/81 CG17) 16/81
	Delete	Light	57°03'21"N 135°20'58"W
17326	10Ed. 2/9/80 LAST NM 16/81		(48/81 CG17) 1/82
	Change	Buoy "2" to "RP", red and black bands, Fl R and delete BELL	57°01'44"N 135°18'16"W
	Add	Designation "4" to light	57°02'48"N 135°23'28"W

17326	10Ed. 2/9/80 LAST NM 1/82		
	Delete	BELL from buoy "3"	(49/81 CG17) 2/82 57°01'16"N 135°19'23"W
	Change	Characteristic of buoy to I Qk Fl R (See 1/82-17326)	57°01'44"N 135°18'16"W
		Characteristic of light to Fl R 2½sec and add designation "8"	57°03'39"N 135°22'03"W
	Add	Designation "6" to light	57°03'37"N 135°22'48"W
★17326	10Ed. 2/9/80 LAST NM 2/82		
	Change	Light to Fl G 6M and add designation "9"	(47/81 CG17) 3/82 57°02'05"N 135°18'42"W
		Light to Fl G 6M and add designation "11"	57°02'37"N 135°20'05"W
	Add	Designation to lights "2" "1"	57°02'06"N 135°13'24"W 57°02'00"N 135°14'54"W
17326	10Ed. 2/9/80 LAST NM 3/82		
	Add	Designation "4" to light	(51/81 CG17) 4/82 57°00'38"N 135°21'26"W
17326	10Ed. 2/9/80 LAST NM 4/82		
	Delete	Buoy "M"	(1, 10/82 CG17) 15/82 57°02'09"N 135°23'47"W
	Add	Buoy "2", red, Fl 2.5sec BELL	57°02'11"N 135°23'39"W
17326	10Ed. 2/9/80 LAST NM 15/82		
	Change	Buoys "1" to "5" Fl G 4sec BELL "3" to "7" Fl G 2.5sec BELL (See 2/82-17326)	(21/82 CG17) 28/82 57°01'10"N 135°20'37"W 57°01'16"N 135°19'23"W
		Designation of buoys "1" to "5" "1" to "7"	57°03'08"N 135°23'44"W 57°03'46"N 135°21'50"W
17326	10Ed. 2/9/80 LAST NM 28/82		
	Add	Purple dashed lines "Sewer"	(CL1551/82) 8/83
		between	57°03'15.5"N 135°21'05.0"W
		joining	57°03'24.6"N 135°20'49.0"W 57°02'44.2"N 135°21'02.5"W 57°02'24.0"N 135°20'33.0"W 57°02'21.2"N 135°20'37.0"W
17326	10Ed. 2/9/80 LAST NM 8/83		
	Relocate	Buoy "7" close W to and change color to green	(13/84 CG17) 17/84 57°01'15.8"N 135°19'25.8"W
17326	10Ed. 2/9/80 LAST NM 17/84		
	Relocate	Buoy "2" close W to	(16/84 CG17) 22/84 57°02'11"N 135°23'41"W
★17326	10Ed. 2/9/80 LAST NM 22/84		
	Delete	Light	(14, 19/84 CG17) 24/84 57°02'07"N 135°13'24"W
	Change	Buoy "2" to red, Fl R 2.5sec WHIS (See 22/84-17326)	57°02'11"N 135°23'41"W
	Add	Lights "1" Fl G 4sec 4M "2" Fl R 6sec 4M	57°02'50"N 135°20'41"W 57°02'51"N 135°20'40"W
17326	10Ed. 2/9/80 LAST NM 24/84		
	Add	Buoy (mooring) "CG"	(19, 24/84 CG17) 28/84 57°03'27.2"N 135°22'03.5"W
★17326	10Ed. 2/9/80 LAST NM 28/84		
	Change	Lights "1" to Fl G 6s 22ft 3M (PA) "6" to Fl R 4M	(2, 3/85 CG17) 8/85 57°02'00"N 135°14'54"W 57°03'37"N 135°22'48"W
		Characteristic of buoy to Fl R 4s	56°59'55"N 135°26'54"W
17326	10Ed. 2/9/80 LAST NM 8/85		
	Change	Light "4" to Fl R 6s 33ft 4M	(9/85 CG17) 13/85 57°00'37"N 135°21'26"W
17326	10Ed. 2/9/80 LAST NM 13/85		
	Substitute	Bn "1", green for light "1" (See 24/84-17326)	(16/85 CG17) 20/85 57°02'50"N 135°20'41"W
17326	10Ed. 2/9/80 LAST NM 20/85		
	Add	Light, FR 50ft (Priv maintd) (PA)	(28/85 CG17) 32/85 57°02'11"N 135°19'55"W

17326	10Ed. 2/9/80 LAST NM 32/85		(32/85 CG17) 37/85
	Change	Visibility (range) of light to 9M	57°00'02"N 135°32'36"W
★17326	10Ed. 2/9/80 LAST NM 37/85		(24/86 CG17) 32/86
	Add	Racon (—) at light	57°00'01"N 135°32'36"W
17326	10Ed. 2/9/80 LAST NM 32/86		(30/86 CG17) 35/86
	Change	Light to Fl 6s 33ft 6M and delete designation "4"	57°00'37"N 135°21'26"W
17326	10Ed. 2/9/80 LAST NM 35/86		(49/86 CG17) 2/87
	Change	Visibility (range) of light "9" to 4M	57°02'05"N 135°18'42"W
17326	10Ed. 2/9/80 LAST NM 2/87		(2/87 CG17) 7/87
	Change	Buoy "RP" to red and green bands (topmost band red), Fl(2+1) R	57°01'44"N 135°18'16"W
17326	10Ed. 2/9/80 LAST NM 7/87		(CL681/87) 40/87
	Add	Depths 9 fathoms "(rep 1987)"	57°01'58"N 135°17'53"W
		11 fathoms "(rep 1987)"	57°01'52"N 135°18'13"W
17326	10Ed. 2/9/80 LAST NM 40/87		(42/87 CG17) 49/87
	Change	Color of buoy "7" to green	57°03'47"N 135°21'49"W
★17327	17Ed. 5/24/86	NEW EDITION	(NOS) 32/86
★17327	17Ed. 5/24/86 LAST NM 32/86		(30/86 CG17) 35/86
	Change	Light to Fl 6s 33ft 6M and delete designation "4"	57°00'37"N 135°21'26"W
★17327	17Ed. 5/24/86 LAST NM 35/86		(32/86 CG17) 37/86
	(And Inset)		
	Relocate	Bn close NW to (PA)	57°03'13.8"N 135°20'47.3"W
	Substitute	Submerged ruins area for ruins area centered	57°03'05.2"N 135°20'44.9"W
★17327	17Ed. 5/24/86 LAST NM 37/86		(44/86 CG17) 49/86
	(And Inset)		
	Change	Color of buoy "9" to green	57°03'15"N 135°20'53"W
★17327	17Ed. 5/24/86 LAST NM 49/86		(49/86 CG17) 2/87
	Change	Visibility (range) of light "9" to 4M	57°02'05"N 135°18'42"W
★17327	17Ed. 5/24/86 LAST NM 2/87		(2/87 CG17) 7/87
	Change	Buoy "RP" to red and green bands (topmost band red), Fl(2+1) R 6s	57°01'43.5"N 135°18'15.9"W
★17327	17Ed. 5/24/86 LAST NM 7/87		(11/87 CG17) 16/87
	(And Inset)		
	Add	Bns, each red	
		"2"	57°02'48.7"N 135°20'20.9"W
		"4"	57°02'47.0"N 135°20'27.4"W
★17327	17Ed. 5/24/86 LAST NM 16/87		(MCNM7926/87) 34/87
	(And Inset)		
	Add	Dangerous wreck	57°03'21.8"N 135°20'59.5"W
★17327	17Ed. 5/24/86 LAST NM 34/87		(29/87 CG17) 36/87
	(And Inset)		
	Relocate	Bn "2" close E to (See 16/87-17327)	57°02'48.8"N 135°20'19.9"W
★17327	17Ed. 5/24/86 LAST NM 36/87		(CL681/87) 40/87
	Add	Depths 9 fathoms "(rep 1987)"	57°01'57.5"N 135°17'53.0"W
		11 fathoms "(rep 1987)"	57°01'52.0"N 135°18'13.0"W
★17327	17Ed. 5/24/86 LAST NM 40/87		(42/87 CG17) 49/87
	Change	Color of buoy "7" to green	57°03'47"N 135°21'49"W
★17327	17Ed. 5/24/86 LAST NM 49/87		(1/88 CG17) 7/88
	Change	Color of buoy "1" to green	57°02'53"N 135°19'43"W
★17327	17Ed. 5/24/86 LAST NM 7/88		(4/88 CG17) 11/88
	(And Inset)		
	Delete	Bn	57°02'56"N 135°20'21"W

★17328	5Ed. 4/21/79		NEW EDITION	(NOS) 29/79
★17330	6Ed. 7/7/79		NEW EDITION	(NOS) 42/79
★17330	6Ed. 7/7/79 LAST NM 42/79			
	Change	Visibility (range) of light to 8M		(34/82 CG17) 39/82
				56°09'38"N 134°39'34"W
★17330	6Ed. 7/7/79 LAST NM 39/82			
	Add	Depths 7 fathoms		(21/84 CG17) 25/84
		10 fathoms		56°17'28"N 134°52'34"W
				56°18'28"N 134°50'50"W
★17331	5Ed. 2/18/78		NEW EDITION	(NOS) 20/78
17331	5Ed. 2/18/78 LAST NM 20/78			
	Change	Obscured sector of light to 070°-207°		(46/78 CG17) 51/78
				56°17'59"N 134°38'20"W
★17331	5Ed. 2/18/78 LAST NM 51/78			
	Add	Buoy (mooring) (Priv maintd)		(30/81 CG17) 34/81
				56°14'56"N 134°40'36"W
★17331	5Ed. 2/18/78 LAST NM 34/81			
	Delete	Light		(34/82 CG17) 39/82
				56°17'59.5"N 134°38'20.5"W
	Add	Designation "3" to light		56°14'24.5"N 134°38'52.0"W
★17331	5Ed. 2/18/78 LAST NM 39/82			
	Delete	Designation "3" from light		(13/84 CG17) 17/84
				56°14'24.5"N 134°38'52.0"W
★17331	5Ed. 2/18/78 LAST NM 17/84			
	Add	Position circles "Dol"		(CL1233/84) 43/84
		"Dol"		56°15'20.5"N 134°39'45.0"W
		"Dol"		56°15'20.5"N 134°39'46.0"W
		"Dol"		56°15'20.5"N 134°39'47.0"W
		"Dol"		56°15'20.5"N 134°39'48.0"W
		"Marker"		56°15'21.5"N 134°39'52.5"W
		"Marker"		56°15'16.0"N 134°39'59.0"W
★17333	6Ed. 4/11/81		NEW EDITION	(NOS) 28/81
★17333	6Ed. 4/11/81 LAST NM 28/81			
	Delete	Light		(34/82 CG17) 39/82
				56°17'59"N 134°38'20"W
	Change	Visibility (range) of light to 8M and add designation "5"		56°23'16.5"N 134°38'05.0"W
★17333	6Ed. 4/11/81 LAST NM 39/82			
	Delete	Designation "5" from light		(24/86 CG17) 32/86
				56°23'16"N 134°38'05"W
★17335	5Ed. 7/15/78		NEW EDITION	(NOS) 39/78
★17335	5Ed. 7/15/78 LAST NM 39/78			
	Add	Light "7" Fl G 2½sec 50ft 7M		(33/82 CG17) 39/82
				56°32'23.8"N 134°38'10.0"W
★17335	5Ed. 7/15/78 LAST NM 39/82			
	Delete	Designation "7" from light		(13/84 CG17) 17/84
				56°32'23.8"N 134°38'10.0"W
★17335	5Ed. 7/15/78 LAST NM 17/84			
	Change	Characteristic of light to Fl 2.5s		(52/86 CG17) 7/87
				56°32'23.8"N 134°38'10.0"W
★17336	7Ed. 4/5/86		NEW EDITION	(NOS) 28/86
★17336	7Ed. 4/5/86 LAST NM 28/86			
		(Plan Surprise...Cove)		(39/86 CG17) 43/86
	Delete	Designation "14" from light		57°00'37"N 134°36'50"W
		(Plan Hoggatt Bay)		
	Change	Characteristic of light "11" to Fl 2.5 and delete designation		56°45'53"N 134°39'12"W
★17337	7Ed. 2/26/77		NEW EDITION	(NOS) 21/77
★17337	7Ed. 2/26/77 LAST NM 21/77			
		(Plan Warm Spring Bay)		(40/77 CG17) 46/77
	Change	Obscured sector of light to 308°-101°		57°04.8'N 134°46.4'W

★17337	7Ed. 2/26/77 LAST	NM 46/77		(NOS) 38/79
		(Plan Kelp Bay)		
	Add	Chartlet from back of Section I		57°15.0'N 135°02.5'W
★17337	7Ed. 2/26/77 LAST	NM 38/79		(33/82 CG17) 39/82
		(Plan Warm Spring Bay)		
	Change	Characteristic of light to Fl G 4sec and add designation "15"		57°04'48"N 134°46'26"W
★17337	7Ed. 2/26/77 LAST	NM 39/82		(32/82 CG17) 40/82
		(Inset Kelp Bay-Chatham Strait)		
	Add	Light "17" Fl 4sec 50ft 6M		57°18'28"N 134°48'25"W
★17337	7Ed. 2/26/77 LAST	NM 40/82		(41/85 CG17) 45/85
		(Plan Port McArthur)		
	Delete	Designation "2" from light		56°04'23.5"N 134°06'36.5"W
★17337	7Ed. 2/26/77 LAST	NM 45/85		(HNNM7646/85) 1/86
		(Inset Kelp Bay)		
	Substitute	Rock "Uncov 4 ft" for depth 3 fathoms		57°18'40"N 134°55'59"W
	Add	Submerged rock		57°17'52"N 134°50'08"W
		Rock "Uncov 3 ft,"		57°18'44"N 134°55'51"W
		"Uncov 2 ft"		57°18'47"N 134°55'52"W
		"Uncov 3 ft"		57°19'37"N 134°55'05"W
		Depths 3¼ fathoms		57°20'14"N 134°53'54"W
		2½ fathoms Rk		57°16'31"N 134°51'56"W
		¾ fathom Rk		57°17'53"N 134°50'14"W
		½ fathom Rk		57°22'32"N 134°57'18"W
		2½ fathoms Rk		57°22'12"N 134°57'14"W
		4¼ fathoms		57°20'14"N 134°56'43"W
		6 fathoms		57°20'16"N 134°56'51"W
		8 fathoms		57°19'09"N 134°56'36"W
		9½ fathoms		57°19'12"N 134°56'44"W
★17337	7Ed. 2/26/77 LAST	NM 1/86		(46/85 CG17) 2/86
		(Inset Kelp Bay)		
	Substitute	Depths 3½ fathoms Rk for depth 12 fathoms		57°20'52"N 134°48'12"W
		3¼ fathoms for 5 fathoms		57°17'17"N 134°49'30"W
	Add	Depths 3¼ fathoms		57°19'43"N 134°47'57"W
		¾ fathom		57°19'36"N 134°47'52"W
		2 fathoms		57°19'29"N 134°47'52"W
		5½ fathoms		57°18'00"N 134°48'02"W
		3¼ fathoms		57°19'22"N 134°48'13"W
		1½ fathoms Rk		57°19'10"N 134°48'18"W
		2 fathoms		57°17'25"N 134°49'37"W
★17337	7Ed. 2/26/77 LAST	NM 2/86		(HNNM7692/86) 9/86
		(Inset Kelp Bay-Chatham Strait)		
	Relocate	Light "17" (57°18'28"N 134°48'25"W) to		57°18'35.0"N 134°48'17.6"W
★17337	7Ed. 2/26/77 LAST	NM 9/86		(45/86 CG17) 49/86
		(Inset Kelp Bay-Chatham Strait)		
	Delete	Designation "17" from light (See 9/86-17337)		57°18'35.0"N 134°48'17.6"W
★17337	7Ed. 2/26/77 LAST	NM 49/86		(NOS) 13/87
		(Inset Kelp Bay)		
	Add	Chartlets, depicting changes in hydrography, from back of Section I		
		(A)		57°20'N 134°56'W
		(B)		57°17'N 134°53'W
★17337	7Ed. 2/26/77 LAST	NM 13/87		(18/87 CG17) 25/87
		(Plan Warm Spring Bay)		
	Change	Light to Fl 4s 27ft 7M		57°04'49"N 134°46'26"W
★17338	11Ed. 9/26/81	NEW EDITION		(NOS) 50/81
★17338	11Ed. 9/26/81 LAST	NM 50/81		(43/83 CG17) 48/83
	Change	Characteristic of buoy "35" to Fl G 4sec		57°27'47"N 134°48'20"W

★17338	11Ed. 9/26/81 LAST NM 48/83		
	Delete	Designation from lights "30"	(18/84 CG17) 24/84
		"31"	57°29'01"N 135°11'45"W
		"33"	57°27'13"N 135°01'33"W
			57°27'51"N 134°51'54"W
17338	11Ed. 9/26/81 LAST NM 24/84		
	Delete	Designation from lights "28"	(40/84 CG17) 44/84
		"27"	57°32'16"N 135°19'13"W
		"1"	57°35'10"N 135°23'31"W
			57°33'42"N 135°26'55"W
★17338	11Ed. 9/26/81 LAST NM 44/84		
	Change	Obscured sector of light to 297°-098°	(32/87 CG17) 42/87
			57°26'35"N 134°52'12"W
★17338	11Ed. 9/26/81 LAST NM 42/87		
	Change	Color of buoy "3" to green	(18/88 CG17) 23/88
			57°34'03"N 135°25'28"W
★17338	11Ed. 9/26/81 LAST NM 23/88		
	Change	Obscured sector of lights to	(20/88 CG17) 26/88
		152°-297°	
		110°-247°	57°35'10"N 135°23'31"W
			57°33'43"N 135°26'54"W
	Add	Obscured sector 308°-037° to	
		light "26"	57°33'57"N 135°27'58"W
★17338	11Ed. 9/26/81 LAST NM 26/88		
	Change	Color of buoy "1" to green	(41/88 CG17) 47/88
----------			57°29'48"N 135°14'16"W
★17339	8Ed. 9/3/83	NEW EDITION	
	Relocate	Buoy "1" close NW to	(NOS) 48/83
		and change color to green	57°25'30"N 134°32'52"W
		(Previously published 41/83)	
	Change	Color of buoy "3" to green	
		(Previously published 41/83)	57°22'42"N 134°28'04"W
★17339	8Ed. 9/3/83 LAST NM 48/83		
	Change	Characteristic of buoy "2" to Fl R 6s	(45/84 CG17) 1/85
			57°25'05"N 134°33'16"W
★17339	8Ed. 9/3/83 LAST NM 1/85		
	Delete	Buoy "3"	(49/84 CG17) 2/85
			57°22'42"N 134°28'04"W
★17339	8Ed. 9/3/83 LAST NM 2/85		
	Delete	Designation "18" from light	(39/85 CG17) 43/85
			57°30'56"N 134°36'19"W
		(And Inset)	
	Change	Light "3" to Fl G 6s 4M	57°27'59"N 134°33'47"W
★17339	8Ed. 9/3/83 LAST NM 43/85		
	Relocate	Buoys "2" close W to	(26/87 CG17) 37/87
		and change characteristic to Fl R 2.5s	57°30'00"N 134°36'14"W

★17341	7Ed. 4/1/89	NEW EDITION	
----------			(NOS) 24/89
★17360	26Ed. 8/18/84	NEW EDITION	
	Change	Characteristic of buoy "A" to Fl(2+1)	(NOS) 52/84
		(Previously published 40/84)	56°10.3'N 133°49.3'W
17360	26Ed. 8/18/84 LAST NM 52/84		
	Change	Characteristic of buoy "63" to Fl G	(49/84 CG17) 2/85
			56°49.7'N 132°55.8'W
★17360	26Ed. 8/18/84 LAST NM 2/85		
	Add	Bn "1", green	(NOS) 15/85
			55°58'27"N 133°47'47"W
★17360	26Ed. 8/18/84 LAST NM 15/85		
	Add	Bn, green	(15/85 CG17) 20/85
			55°58'27"N 133°47'47"W
17360	26Ed. 8/18/84 LAST NM 20/85		
	Change	Height of light to 28ft	(18/85 CG17) 22/85
			55°53.8'N 132°05.3'W
17360	26Ed. 8/18/84 LAST NM 22/85		
	Change	Light to Fl G 4M	(22/85 CG17) 26/85
			56°58.3'N 133°56.8'W
	Add	Depths 1¼ fathoms Rk (PA)	
		8 fathoms Shoal (PA)	57°51'19.1"N 134°11'52.7"W
			57°51'10.5"N 134°07'48.1"W
		Danger circle "Shoal" (PA)	
			57°51'12.3"N 134°09'22.1"W

17360	26Ed. 8/18/84 LAST	NM 26/85	(CL486/85) 29/85
	Add	Depths 15 fathoms	57°40'23"N 134°00'55"W
		4¼ fathoms	57°46'04"N 134°03'07"W
★17360	26Ed. 8/18/84 LAST	NM 29/85	(28/85 CG17) 32/85
	Change	Lights "1" to "1", Fl G 4s 20ft 4M	56°35.1'N 132°32.5'W
		"3" to "5", Fl G 6s 17ft 4M	56°38.2'N 132°36.6'W
	Add	Bn "3", green	56°36.5'N 132°33.0'W
17360	26Ed. 8/18/84 LAST	NM 32/85	(33, 34/85 CG17) 38/85
	Change	Color of buoy "1" to green	56°59.3'N 132°58.2'W
		Color of beacon to green and add designation "BP"	56°56.4'N 132°59.7'W
17360	26Ed. 8/18/84 LAST	NM 38/85	(39/85 CG17) 43/85
	Add	Light "2" Fl R 4s 30ft 5M	57°23'56"N 133°27'55"W
17360	26Ed. 8/18/84 LAST	NM 43/85	(41/85 CG17) 45/85
	Delete	Designation "2" from light	56°04'23"N 134°06'36"W
	Change	Color of buoys "9" to green (undesignated) to red and green bands (topmost band red)	56°25'25"N 133°10'40"W 56°21'52"N 133°13'57"W
★17360	26Ed. 8/18/84 LAST	NM 45/85	(44/85 CG17) 50/85
	Change	Color of buoy "3" to green	56°21'50"N 132°06'38"W
	Add	Depth 3 fathoms and enclosing depth contour (10-fathoms)	57°25'05"N 133°28'50"W
17360	26Ed. 8/18/84 LAST	NM 50/85	(49/85 CG17) 2/86
	Change	Characteristic of buoy "A" to Fl(2+1) G 6s	56°10.2'N 133°49.6'W
17360	26Ed. 8/18/84 LAST	NM 2/86	(4/86 CG17) 9/86
	Delete	Designation "5" from light	56°16.6'N 132°57.5'W
17360	26Ed. 8/18/84 LAST	NM 9/86	(9/86 CG17) 14/86
	Delete	Designation from lights "16"	56°27'25"N 132°42'51"W
		"7"	56°18'55"N 133°06'17"W
		Designation "14" from beacon and change color to red and white	56°27'30"N 132°55'34"W
17360	26Ed. 8/18/84 LAST	NM 14/86	(10/86 CG17) 15/86
	Delete	Designation "7" from light	56°29.7'N 132°22.0'W
	Change	Light "5" to Fl G 4s 24ft 4M	56°22.1'N 132°10.2'W
★17360	26Ed. 8/18/84 LAST	NM 15/86	(CL259/86) 17/86
	Add	Depth 1½ fathoms	57°49'42"N 134°07'57"W
17360	26Ed. 8/18/84 LAST	NM 17/86	(12, 13/86 CG17) 18/86
	Delete	Designation "2" from light	56°13.3'N 132°51.7'W
	Add	Designation "MR" to light	56°31.8'N 132°57.9'W
17360	26Ed. 8/18/84 LAST	NM 18/86	(17/86 CG17) 21/86
	Change	Light to Fl 2.5s 5M and delete designation "9"	56°23.4'N 132°37.3'W
17360	26Ed. 8/18/84 LAST	NM 21/86	(23/86 CG17) 27/86
	Delete	Designation "12" from beacon and change color to red and white	56°26'22"N 132°28'45"W
		Designation "10" from light and change to Fl 6s	56°24'19"N 132°33'13"W
		Designation "18" from light and change to Fl 6s	56°29'40"N 132°37'57"W
	Change	Designation of Bn "9" to "BP"	56°20'10"N 133°09'41"W

★17360	26Ed. 8/18/84 LAST NM 27/86		
	Delete	Designation from lights	(25, 26, 27/86 CG17) 32/86
		"15"	56°29.7'N 132°45.7'W
		" 7"	56°16.7'N 132°39.4'W
		"19"	56°22.5'N 132°25.5'W
		" 6"	56°13.4'N 132°42.7'W
		" 2"	56°10.8'N 133°01.2'W
		" 2"	55°56.3'N 133°36.9'W
		" 1"	56°02.9'N 132°51.6'W
		Designation "11" from light and change to Fl 4s 6M	56°26.9'N 132°35.9'W
	Relocate	Buoy "63" close E to and change to "WN", red and white stripes, ball topmark, Mo(A)	56°49'47"N 132°55'42"W
	Change	Designation of light "5" to "3"	
		Designation of Bn "4" to "2"	55°56.5'N 133°39.4'W 56°12.9'N 133°01.2'W
★17360	26Ed. 8/18/84 LAST NM 32/86		
	Change	Color of buoy "5" to green	(29/86 CG17) 33/86 56°34'30"N 133°05'18"W
★17360	26Ed. 8/18/84 LAST NM 33/86		
	Change	Obscured sector of light "6" to 270°-005°	(34/86 CG17) 39/86 56°34.8'N 133°04.4'W
17360	26Ed. 8/18/84 LAST NM 39/86		
	Change	Characteristic of ligh: to Fl 6s	(39/86 CG17) 43/86 56°50.7'N 133°51.9'W
17360	26Ed. 8/18/84 LAST NM 43/86		
	Change	Lights "1" to Fl G 4s 28ft 4M	(42/86 CG17) 46/86
		"2" to Fl R 2.5s 17ft 4M	56°12.7'N 131°55.3'W
			56°20.8'N 132°00.3'W
	Add	Designation "BI" to beacon	55°55.9'N 132°06.7'W
17360	26Ed. 8/18/84 LAST NM 46/86		
	Change	Buoy to red and green bands (topmost band red), Fl(2+1) R 6s	(43/86 CG17) 49/86 56°19.2'N 133°05.1'W
17360	26Ed. 8/18/84 LAST NM 49/86		
	Add	Depth 3½ fathoms	(46/86 CG17) 51/86 57°24'55"N 133°28'42"W
17360	26Ed. 8/18/84 LAST NM 51/86		
	Add	Depth 6¼ fathoms Rk	(CL1102/86) 52/86 57°51'11"N 134°07'48"W
17360	26Ed. 8/18/84 LAST NM 52/86		
	Change	Buoy to black and red bands (topmost band black), Fl(2 + 1) G 6s BELL	(USCG LL; 6/87 CG17) 12/87 56°23.6'N 133°10.6'W
17360	26Ed. 8/18/84 LAST NM 12/87		
	Delete	Designation "2" from beacon	(7/87 CG17) 13/87 56°28.9'N 132°23.7'W
17360	26Ed. 8/18/84 LAST NM 13/87		
	Change	Color of beacon to red and white (See 13/87-17360)	(8/87 CG17) 14/87 56°28.9'N 132°23.7'W
17360	26Ed. 8/18/84 LAST NM 14/87		
	Delete	Designation "12" from light	(10/87 CG17) 16/87 56°26.3'N 133°00.8'W
17360	26Ed. 8/18/84 LAST NM 16/87		
	Change	Color of buoy "1" to green	(20/87 CG17) 28/87 57°05.5'N 133°58.4'W
17360	26Ed. 8/18/84 LAST NM 28/87		
	Change	Color of buoy to green and red bands (topmost band green)	(25/87 CG17) 33/87 56°23.6'N 133°10.5'W
17360	26Ed. 8/18/84 LAST NM 33/87		
	Change	Color of buoy "11" to green	(32/87 CG17) 42/87 56°27.1'N 133°02.4'W
★17360	26Ed. 8/18/84 LAST NM 42/87		
	Substitute	Depth 26 fathoms "rep (1987)" for 33 fathoms	(CL687/87) 43/87
	Add	Depth 48 fathoms "rep (1987)"	57°17'00"N 133°56'36"W 57°30'54"N 133°44'42"W

★17360	26Ed. 8/18/84 LAST NM 43/87		(MCNM8030/87) 1/88
	Add	Depths 2½ fathoms	56°40.8'N 132°38.4'W
		5¾ fathoms	56°41.9'N 132°39.8'W
		10½ fathoms	56°43.2'N 132°33.9'W
		2½ fathoms	56°45.0'N 132°36.9'W
		34 fathoms	56°51.3'N 132°48.4'W
		12½ fathoms	56°52.5'N 132°55.5'W
		13¼ fathoms	56°53.4'N 132°55.5'W
		3 fathoms	56°53.8'N 132°55.7'W
		6 fathoms	56°53.9'N 132°54.9'W
★17360	26Ed. 8/18/84 LAST NM 1/88		(MCNM8067/88) 11/88
	Add	Depths 4¼ fathoms	56°41.9'N 132°39.4'W
		4¾ fathoms	56°41.8'N 132°39.6'W
		4½ fathoms	56°41.4'N 132°39.9'W
17360	26Ed. 8/18/84 LAST NM 11/88		(MCNM8030/87) 23/88
	Delete	Depth 10½ fathoms	56°43.2'N 132°33.9'W
		(See 1/88-17360)	
	Add	Depths 10½ fathoms	56°43.2'N 132°43.0'W
		3¼ fathoms	56°41.8'N 132°39.0'W
17360	26Ed. 8/18/84 LAST NM 23/88		(25/88 CG17) 33/88
	Add	Depths 14¼ fathoms	57°01.8'N 133°02.9'W
		9¾ fathoms Rk	57°00.9'N 133°15.8'W
		11¼ fathoms	57°07.9'N 133°11.9'W
		15¾ fathoms	57°08.2'N 133°10.6'W
		¼ fathom Rk	56°54.2'N 132°50.9'W
★17360	26Ed. 8/18/84 LAST NM 33/88		(28/88 CG17) 34/88
	Add	Rock "Uncov 1ft"	56°54.4'N 132°51.6'W
★17360	26Ed. 8/18/84 LAST NM 34/88		(CL580/88) 35/88
	Substitute	Depth 7 fathoms for 26 fathoms	56°57.6'N 132°54.9'W
17360	26Ed. 8/18/84 LAST NM 35/88		(BP131991; 29/88 CG17) 36/88
	Delete	Depth 30 fathoms	57°04.0'N 134°02.3'W
	Change	Buoy "4" to red nun	56°59.9'N 132°57.6'W
	Add	Dangerous rock	57°05.6'N 134°00.6'W
		Shoal area, 038°-218° axis 1600 yards by 200 yards wide, centered	57°04.9'N 134°02.6'W
17360	26Ed. 8/18/84 LAST NM 36/88		(BP131991) 41/88
	Delete	Shoal area centered	57°04.9'N 134°02.6'W
		(See 36/88-17360)	
	Add	Shoal area, 038°-218° axis 1600 yards by 200 yards wide, centered	57°03.9'N 134°02.6'W
★17360	26Ed. 8/18/84 LAST NM 41/88		(46/88 CG17) 53/88
	Add	Depths enclosed by danger circle	
		4¾ fathoms Rk	57°13.5'N 133°34.0'W
		5 fathoms Rk	57°10.7'N 133°32.5'W
		¾ fathom Rk	57°05.2'N 133°46.9'W
		2¾ fathoms Rk	57°05.0'N 133°44.1'W
		Depth 36 fathoms	57°14.4'N 133°51.3'W
17360	26Ed. 8/18/84 LAST NM 53/88		(16/89 CG17) 21/89
	Delete	BELL from buoy "8"	56°22.2'N 133°38.5'W
★17360	26Ed. 8/18/84 LAST NM 21/89		(USCG LL; 17/89 CG17) 25/89
	Change	Buoy to red and green bands (topmost band red), Fl(2+1) R 6s	57°25.2'N 133°37.6'W
★17362	8Ed. 4/22/78	NEW EDITION	(NOS) 26/78
★17362	8Ed. 4/22/78 LAST NM 26/78		(32/78 CG17) 39/78
	Delete	Buoy "1"	57°26'55"N 133°53'01"W
	Change	Light to Fl R and add designation "2"	57°27'55"N 133°55'08"W

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★17362	8Ed. 4/22/78 LAST NM 39/78		
	Change	Height of light to 22ft	(14/85 CG17) 18/85 57°27'53"N 134°55'06"W
★17363	10Ed. 9/3/83	NEW EDITION	(NOS) 45/83
★17363	10Ed. 9/3/83 LAST NM 45/83		
	Add	Light "2" Fl R 4s 30ft 5M	(39/85 CG17) 43/85 57°23'56"N 133°27'55"W
17363	10Ed. 9/3/83 LAST NM 43/85		
	Add	Depth 3 fathoms and enclosing depth contour (10-fathoms)	(44/85 CG17) 50/85 57°25'05"N 133°28'50"W
★17363	10Ed. 9/3/83 LAST NM 50/85		
	Add	Depth 3½ fathoms	(46/86 CG17) 51/86 57°24'54.6"N 133°28'41.4"W
17363	10Ed. 9/3/83 LAST NM 51/86		
	Add	Depth 26 fathoms "rep (1987)"	(CL687/87) 43/87 57°17'00"N 133°56'36"W
★17365	10Ed. 10/30/82	NEW EDITION	(NOS) 51/82
17365	10Ed. 10/30/82 LAST NM 51/82		
	Add	Depths 4¾ fathoms Rk 5½ fathoms Rk	(46/88 CG17) 53/88 57°13'31.6"N 133°33'59.1"W 57°13'35.5"N 133°33'54.9"W
★17367	9Ed. 4/21/79	NEW EDITION	(NOS) 29/79
★17367	9Ed. 4/21/79 LAST NM 29/79		
	Add	Legend "SEE NOTE B"	(CL176/82) 41/82 57°01'30"N 132°55'20"W
		Note "NOTE B CAUTION Several rocks have been reported to be bare at MLLW. Mariners should exercise caution in this area"	
★17367	9Ed. 4/21/79 LAST NM 41/82		57°09'00"N 132°50'00"W
	Relocate	Buoy "2" close NE to and change characteristic to Fl R 6sec	(46/83, 1/84 CG17) 6/84 56°59'08"N 132°57'46"W
★17367	9Ed. 4/21/79 LAST NM 6/84		
	Change	Color of buoy "1" to green	(33, 34/85 CG17) 38/85 56°59'18"N 132°58'10"W
		Color of beacon to green and add designation "BP"	56°56'24"N 132°59'39"W
	Add	Note in upper center margin of chart "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	
★17367	9Ed. 4/21/79 LAST NM 38/85		
	Add	Buoy (mooring)	(40/86 CG17) 45/86 56°59'51"N 132°47'08"W

★17367	9Ed. 4/21/79 LAST NM 45/86		(25/88 CG17) 32/88
	Add	Depths ¼ fathom Rk	56°55'32"N 132°53'14"W
		1¼ fathoms Rk	57°01'18"N 133°00'13"W
		1¼ fathoms	56°59'25"N 132°58'21"W
		1¼ fathoms Rk	57°01'20"N 133°00'13"W
		1¾ fathoms Rk	57°01'45"N 133°00'18"W
		14¼ fathoms	57°01'49"N 133°02'53"W
		9¾ fathoms Rk	57°00'52"N 133°15'47"W
		2 fathoms Rk	57°00'45"N 133°15'43"W
		3½ fathoms	57°04'52"N 133°05'29"W
		8¾ fathoms	57°00'44"N 133°13'12"W
		5¼ fathoms	57°00'39"N 133°15'47"W
		12¼ fathoms	57°05'14"N 133°11'18"W
		1 fathom	57°05'57"N 133°11'17"W
		11¼ fathoms	57°07'57"N 133°11'50"W
		15¾ fathoms	57°08'10"N 133°10'23"W
		Position circle "Snag (uncov)"	57°05'45"N 133°11'13"W
	Add	Depths 14¾ fathoms	57°01.8'N 133°02.9'W
		9¾ fathoms Rk	57°00.9'N 133°15.8'W
		11¼ fathoms	57°07.9'N 133°11.9'W
		15¾ fathoms	57°08.2'N 133°10.6'W
		¼ fathom Rk	56°54.2'N 132°50.9'W
★17367	9Ed. 4/21/79 LAST NM 32/88		(25, 27/88 CG17; MCNM8049/88) 33/88
	Substitute	Depths 4¾ fathoms Rk for 5¼ fathoms	56°59'17"N 132°58'05"W
		7 fathoms for 26 fathoms	56°57'39"N 132°54'54"W
		1 fathom for 9 fathoms	56°57'03"N 132°54'06"W
		9 fathoms for 12 fathoms	56°55'58"N 132°53'37"W
	Add	Depth 4¾ fathoms Rk	56°59'12"N 132°57'56"W
		Rock "Uncov 3ft"	57°00'32"N 133°14'45"W
		Depths ¼ fathom Rk	56°55'32"N 132°53'14"W
		1¼ fathoms Rk	57°01'18"N 133°00'13"W
		1¼ fathoms	56°59'25"N 132°58'21"W
		1¼ fathoms Rk	57°01'20"N 133°00'13"W
		1¾ fathoms Rk	57°01'45"N 133°00'18"W
		14¼ fathoms	57°01'49"N 133°02'53"W
		9¾ fathoms Rk	57°00'52"N 133°15'47"W
		2 fathoms Rk	57°00'45"N 133°15'43"W
		3½ fathoms	57°04'52"N 133°05'29"W
		8¾ fathoms	57°00'44"N 133°13'12"W
		5¼ fathoms	57°00'39"N 133°15'47"W
		12¼ fathoms	57°05'14"N 133°11'18"W
		1 fathom	57°05'57"N 133°11'17"W
		11¼ fathoms	57°07'57"N 133°11'50"W
		15¾ fathoms	57°08'10"N 133°10'23"W
		Position circle "Snag (uncov)" (Cancels 32/88-17367)	57°05'45"N 133°11'13"W
★17367	9Ed. 4/21/79 LAST NM 33/88		(MCNM8049/88) 34/88
	Delete	Depth 7 fathoms	57°05'31"N 133°11'11"W
	Add	Reef "Uncov 2ft" enclosed by shore and dotted line (limiting danger line) joining	
			57°05'30"N 133°11'05"W
			57°05'31"N 133°11'12"W
			57°05'30"N 133°11'17"W
			57°05'28"N 133°11'15"W
			57°05'28"N 133°11'05"W
17367	9Ed. 4/21/79 LAST NM 34/88		(29/88 CG17) 37/88
	Change	Buoy "4" to red nun	56°59'55"N 132°57'35"W
★17368	3Ed. 1/8/83	NEW EDITION	(NOS) 11/83
★17368	3Ed. 1/8/83 LAST NM 11/83		(22/85 CG17) 26/85
		(And Kake Inset)	
	Change	Color of buoys, each to green	
		"3"	56°58'15"N 133°57'11"W
		"7"	56°57'53"N 133°56'06"W
		Light "5" to Fl G 2.5s 25ft 4M	56°58'15"N 133°56'51"W
★17368	3Ed. 1/8/83 LAST NM 26/85		(11/86 CG17) 17/86
		(And Kake Inset)	
	Delete	Designation "5" from light	56°56'48"N 133°53'52"W

★17368	3Ed. 1/8/83 LAST NM 17/86		(39/86 CG17) 43/86
	Delete	Designation "12" from light	56°50'35"N 134°25'05"W
	Change	Characteristic of light "56" to Fl 6s and delete designation	56°50'43"N 133°51'54"W
★17368	3Ed. 1/8/83 LAST NM 43/86		(20/87 CG17) 28/87
	Change	Color of buoy "1" to green	57°05'34"N 134°58'21"W
★17368	3Ed. 1/8/83 LAST NM 28/87		(BP131991) 36/88
	Delete	Depth 74 fathoms	57°04'10"N 134°02'15"W
	Add	Dangerous rock (PA)	57°05'28"N 134°00'33"W
		Shoal area with blue tint enclosed by dotted line 200 yards wide, with legend "Reported to bare at MLLW" between	57°03'35"N 134°03'00"W 57°04'15"N 134°02'05"W
★17368	3Ed. 1/8/83 LAST NM 36/88		(35/88 CG17) 42/88
	Add	Buoys (mooring)	56°52'58"N 134°02'12"W 56°53'01"N 134°02'22"W

★17370	9Ed. 11/28/87	NEW EDITION	(NOS) 8/88

★17372	8Ed. 2/19/83	NEW EDITION	(NOS) 16/83

★17375	18Ed. 4/24/82	NEW EDITION	(NOS) 24/82
★17375	18Ed. 4/24/82 LAST NM 24/82		(NOS) 25/82
	Change	Light to F 31ft	56°38'41"N 132°55'07"W
	Add	Drying areas (green tint) bound by shore and color limit joining	56°42'34"N 132°57'13"W 56°42'34"N 132°57'10"W 56°42'22"N 132°57'16"W 56°42'22"N 132°57'20"W
		joining	56°42'12"N 132°57'23"W 56°42'12"N 132°57'00"W 56°41'47"N 132°57'10"W 56°41'30"N 132°57'04"W 56°41'30"N 132°57'19"W
		joining	56°40'48"N 132°56'33"W 56°40'48"N 132°56'30"W 56°40'30"N 132°56'28"W
★17375	18Ed. 4/24/82 LAST NM 25/82		(NOS) 27/83
	Add	Chartlet, depicting changes in hydrography, from back of Section I	56°37.5'N 132°57.5'W
★17375	18Ed. 4/24/82 LAST NM 27/83		(46/83 CG17) 51/83
	Change	Color of buoys, each to green "1TC" "3TC" "5TC"	56°34'13"N 132°57'55"W 56°34'25"N 132°58'04"W 56°38'48"N 132°55'30"W
	Add	Note "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency	

(continued on next page)

★17375	(Continued)		
	Add	Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	51/83 56°40'N 132°58'W
★17375	18Ed. 4/24/82 LAST	NM 51/83	(44/84 CG17) 1/85
	Relocate	Range light, front close S ,to	56°36'26"N 132°58'31"W
★17375	18Ed. 4/24/82 LAST	NM 1/85	(49/84 CG17) 2/85
	Change	Characteristic of buoy "63" to Fl G 4s	56°49'48"N 132°55'47"W
★17375	18Ed. 4/24/82 LAST	NM 2/85	(50/84 CG17) 3/85
	Relocate	Buoy "26" close S to	56°38'48"N 132°55'07"W
★17375	18Ed. 4/24/82 LAST	NM 3/85	(BP124320, 124328) 9/85
	Change	Legends to "20 FEET FOR A WIDTH OF 300 FT FEB-MAR 1984" "21 FEET FOR A WIDTH OF 300 FT SEPT 1977-FEB 1984" (See 27/83-17375)	56°48'36"N 132°58'45"W 56°37'22"N 132°57'33"W
		(Inset Petersburg)	
	Change	Legend to "20 FEET FOR A WIDTH OF 300 FT FEB-MAR 1984"	56°48'37"N 132°58'42"W
★17375	18Ed. 4/24/82 LAST	NM 9/85	(32/85 CG17) 37/85
	Add	Light FR (Priv maintd)	56°46'57"N 132°58'40"W
17375	18Ed. 4/24/82 LAST	NM 37/85	(13/86 CG17) 18/86
	Change	Light to "DP", Fl R 6s 15ft 4M	56°32'53"N 132°57'34"W
	Add	Designation to lights "MR" "PL"	56°31'49"N 132°57'48"W 56°33'23"N 132°57'45"W
17375	18Ed. 4/24/82 LAST	NM 18/86	(27, 28/86 CG17) 32/86
	Relocate	Buoy "63" close E to and change to "WN", red and white stripes, ball topmark, Mo(A)	56°49'47"N 132°55'42"W
	Change	Light "49" to QG 12ft 4M	56°42'07"N 132°56'56"W
		Color of buoy "3" to green	56°34'16"N 132°58'24"W
★17375	18Ed. 4/24/82 LAST	NM 32/86	(29/86 CG17) 33/86
	Relocate	Buoy "7TC" (56°39'16"N 132°55'20"W) to	56°39'15"N 132°55'20"W
	Change	Color of buoy "33" to green	56°39'31"N 132°55'36"W
★17375	18Ed. 4/24/82 LAST	NM 33/86	(30/86 CG17) 35/86
		(And Inset)	
	Add	Lights FR 15ft (Priv maintd)	56°48'30"N 132°58'33"W 56°48'33"N 132°58'23"W
★17375	18Ed. 4/24/82 LAST	NM 35/86	(34/86 CG17) 39/86
	Change	Light to "51" Fl G 6s 43ft 5M Note: Obscured sector unchanged	56°44'19"N 132°57'21"W
★17375	18Ed. 4/24/82 LAST	NM 39/86	(38/86 CG12) 42/86
	Change	Visibility (range) of light "52" to 4M	56°46'53"N 132°58'45"W
★17375	18Ed. 4/24/82 LAST	NM 42/86	(40, 41/86 CG17) 45/86
	Change	Characteristic of light "52" to Fl R 4s	56°46'53"N 132°58'45"W
		Color of buoys, each to green, "13" "13A"	56°36'37"N 132°58'19"W 56°36'42"N 132°58'15"W
★17375	18Ed. 4/24/82 LAST	NM 45/86	(44/86 CG17) 49/86
	Add	Light FR	56°48'46.3"N 132°57'45.7"W
		(Inset)	
	Change	Legend to "Chatham Seafood Pier"	56°48'49"N 132°57'51"W
	Add	Light FR 18ft (Priv maintd)	56°48'46.3"N 132°57'46.0"W
★17375	18Ed. 4/24/82 LAST	NM 49/86	(28/87 CG17) 41/87
	Change	Color of buoy "9" to green	56°35'56.5"N 132°58'30.0"W

17375	18Ed. 4/24/82 LAST NM 41/87		(5/88 CG17) 10/88
	Add	Depth 17 feet Rk enclosed by danger circle	56°40'01"N 132°55'45"W
★17375	18Ed. 4/24/82 LAST NM 10/88		(11/88 CG17) 17/88
	Delete	Depth 17 feet Rk and enclosing danger circle (Supersedes 10/88-17375)	56°40'01"N 132°55'45"W
	Change	Legend to "21 feet for width of 300 feet rep (Mar 1988)"	56°40'00"N 132°55'44"W
★17375	18Ed. 4/24/82 LAST NM 17/88		(16/88 CG17) 21/88
	Change	Color of buoy "29" to green	56°39'09"N 132°55'13"W
★17375	18Ed. 4/24/82 LAST NM 21/88		(CL262/88) 29/88
	Add	Submerged rock	56°39'59.3"N 132°55'33.3"W 56°39'59.9"N 132°55'38.9"W
★17375	18Ed. 4/24/82 LAST NM 29/88		(30/88 CG17) 37/88
	Relocate	Buoy "60" close SW to	56°49'03.4"N 132°57'22.9"W
★17375	18Ed. 4/24/82 LAST NM 37/88		(BP137402-07) 25/89
	Change	Legends to "20 FT SEPT 1977-FEB 1989"	56°34'06"N 132°58'07"W
		"21 FT SEPT 1977-FEB 1989"	56°36'00"N 132°58'29"W
		"21 FT FOR WIDTH OF 300 FT JAN-FEB 1989"	56°49'24"N 132°56'35"W
	Change	(And Inset) Legend to "20 FT FOR WIDTH OF 300 FT JAN-FEB 1989"	56°48'37"N 132°58'42"W
★17376	5Ed. 4/11/81	NEW EDITION	(NOS) 28/81
17376	5Ed. 4/11/81 LAST NM 28/81		(33, 34/82 CG17) 39/82
	Change	Visibility (range) of light to 8M and add designation "4"	56°17'27"N 134°17'51"W
	Add	Light "8" Fl 4sec 7M	56°34'01.4"N 134°19'53.3"W
17376	5Ed. 4/11/81 LAST NM 39/82		(2/83 CG17) 7/83
	Add	Depths 2¾ fathoms	56°34'17"N 134°19'33"W
		2¾ fathoms Rk	56°33'40"N 134°19'40"W
		1½ fathoms	56°33'47"N 134°19'51"W
		3¼ fathoms	56°34'16"N 134°19'59"W
★17376	5Ed. 4/11/81 LAST NM 7/83		(13/84 CG17) 17/84
	Delete	Designation "4" from light	56°17'27"N 134°17'51"W
17376	5Ed. 4/11/81 LAST NM 17/84		(24/86 CG17) 32/86
	Delete	Designation "8" from light	56°34'01"N 134°19'53"W
★17378	12Ed. 11/28/81	NEW EDITION	(NOS) 10/82
17378	12Ed. 11/28/81 LAST NM 10/82		(46/83 CG17) 51/83
	Change	Characteristic of buoys "8" to Fl R 4sec	56°22'10.5"N 133°38'27.0"W
		"7" to Fl G 6sec	56°22'26.5"N 133°41'54.5"W
17378	12Ed. 11/28/81 LAST NM 51/83		(31/84 CG17) 37/84
	Change	Characteristic of buoy "6" to Fl R 4s	56°15'30"N 133°43'16"W
★17378	12Ed. 11/28/81 LAST NM 37/84		(16/89 CG17) 21/89
	Delete	BELL from buoy "8"	56°22'10"N 133°38'27"W
★17381	8Ed. 1/3/81	NEW EDITION	(NOS) 14/81
★17382	13Ed. 10/10/87	NEW EDITION	(NOS) 52/87
17382	13Ed. 10/10/87 LAST NM 52/87		(49/87 CG17) 2/88
	Change	Period of light to 2.5s	56°29'39"N 132°22'07"W
★17384	4Ed. 12/24/83	NEW EDITION	(NOS) 7/84

17308	4Ed. 12/24/83 LAST NM 7/84		
	Delete	Designation "7" from light	(10/86 CG17) 15/86 56°29'39.5"N 132°22'07.3"W
17384	4Ed. 12/24/83 LAST NM 15/86		
	Delete	Designation "12" from beacon and change color to red and white	(23/86 CG17) 27/86 56°26'22"N 132°28'45"W
17384	4Ed. 12/24/83 LAST NM 27/86		
	Delete	Designation "19" from light	(26/86 CG17) 32/86 56°22'32"N 132°25'30"W
17384	4Ed. 12/24/83 LAST NM 32/86		
		(And Plan)	(NOS) 49/86
	Add	Legend "Priv maintd" to lights	56°28'19"N 132°23'17"W 56°28'17"N 132°23'16"W 56°28'14"N 132°23'11"W 56°28'13"N 132°23'08"W
★17384	4Ed. 12/24/83 LAST NM 49/86		
	Delete	Designation "2" from beacon	(7/87 CG17) 13/87 56°28'58"N 132°23'38"W
★17384	4Ed. 12/24/83 LAST NM 13/87		
	Change	Color of beacon to red and white (See 13/87-17384)	(8/87 CG17) 14/87 56°28'58"N 132°23'38"W
★17385	11Ed. 8/11/84	NEW EDITION	
	Change	Line 1 of Supplemental Information note to "Consult U.S. Coast Pilot 8 for important supplemental information"	(NOS) 43/84
★17385	11Ed. 8/11/84 LAST NM 43/84		56°17'12"N 131°40'00"W
	Relocate	Buoy "3" close N to	(47/84 CG17) 2/85 56°21'51"N 132°06'38"W
★17385	11Ed. 8/11/84 LAST NM 2/85		
	Change	Height of lights to 28ft 34ft	(18/85 CG17) 22/85 55°53'47"N 132°05'20"W 56°06'12"N 132°04'42"W
17385	11Ed. 8/11/84 LAST NM 22/85		
	Change	Color of buoy "3" to green	(44/85 CG17) 50/85 56°21'50"N 132°06'38"W
		(Inset)	
	Relocate	Buoy "5" close SE to	56°12'05.7"N 132°14'48.8"W
★17385	11Ed. 8/11/84 LAST NM 50/85		
	Delete	Designation "7" from light	(10/86 CG17) 15/86 56°29'42"N 132°22'07"W
	Change	Light "5" to Fl G 4s 24ft 4M	56°22'09"N 132°10'12"W
17385	11Ed. 8/11/84 LAST NM 15/86		
	Delete	Designation "19" from light	(26/86 CG17) 32/86 56°22'32"N 132°25'30"W
17385	11Ed. 8/11/84 LAST NM 32/86		
	Change	Characteristic of buoy "2" to Fl R 2.5s	(39/86 CG17) 43/86 55°46.8'N 132°18.2'W
★17385	11Ed. 8/11/84 LAST NM 43/86		
	Add	Buoys FLOAT	(40/86 CG17) 45/86 56°11'10"N 131°53'26"W 56°21'48"N 132°00'23"W
★17385	11Ed. 8/11/84 LAST NM 45/86		
	Change	Lights "1" to Fl G 4s 28ft 4M "2" to Fl R 2.5s 17ft 4M	(42/86 CG17) 46/86 56°12'38"N 131°55'18"W 56°20'48"N 132°00'18"W
	Add	Designation "BI" to beacon	55°55'57"N 132°06'45"W
17385	11Ed. 8/11/84 LAST NM 46/86		
	Change	Characteristic of light "4" to Fl R 4s	(46/86 CG17) 51/86 55°44.6'N 132°15.7'W
17385	11Ed. 8/11/84 LAST NM 51/86		
	Delete	Designation "2" from beacon	(7/87 CG17) 13/87 56°28.9'N 132°23.6'W
17385	11Ed. 8/11/84 LAST NM 13/87		
	Change	Color of beacon to red and white (See 13/87-17385)	(8/87 CG17) 14/87 56°28.9'N 132°23.6'W
★17386	1Ed. 11/27/82	NEW CHART	(NOS) 5/83

17386	1Ed. 11/27/82 LAST NM 5/83		(46/83 CG17) 51/83
	Change	Characteristic of buoys "3" to Fl G 4sec "4" to Fl R 6sec	56°05′13″N 133°54′29″W 56°12′37″N 133°41′58″W
17386	1Ed. 11/27/82 LAST NM 51/83		(4/84 CG17) 8/84
	Delete	Designation "2" from light	55°59′14″N 134°06′10″W
★17386	1Ed. 11/27/82 LAST NM 8/84		(13/84 CG17) 17/84
	Delete	Designation "2" from light	56°07′13″N 134°15′26″W
★17386	1Ed. 11/27/82 LAST NM 17/84		(41/85 CG17) 45/85
	Relocate	Buoy "A" close W to	56°10′12″N 133°49′35″W
★17386	1Ed. 11/27/82 LAST NM 45/85		(41/85 CG17) 52/85
	Delete	Designation "2" from light	56°04′24″N 134°06′36″W
★17386	1Ed. 11/27/82 LAST NM 52/85		(49/85 CG17) 2/86
	Change	Characteristic of buoy "A" to Fl(2+1) G 6s (See 45/85-17386)	56°10′12″N 133°49′35″W

★17387	10Ed. 7/2/88	NEW EDITION	(NOS; USCG LL) 43/88
	Change	Characteristic of buoy "4" to Fl R 6s	56°12′35″N 133°42′04″W

★17400	13Ed. 3/16/85	NEW EDITION	(NOS) 19/85
17400	13Ed. 3/16/85 LAST NM 19/85		(32/85 CG17) 37/85
	Add	Buoy "2", red nun	54°57′27″N 132°45′26″W
17400	13Ed. 3/16/85 LAST NM 37/85		(35/85 CG17) 40/85
	Change	Color of buoy "1" to green	55°30′35″N 133°11′06″W
17400	13Ed. 3/16/85 LAST NM 40/85		(41/85 CG17) 45/85
	Delete	Designation "2" from light	56°04′23″N 134°06′36″W
	Relocate	Buoy "A" close SW to	56°10′12″N 133°49′35″W
17400	13Ed. 3/16/85 LAST NM 45/85		(49/85 CG17) 2/86
	Change	Characteristic of buoy "A" to Fl(2+1) G 6s (See 45/85-17400)	56°10′12″N 133°49′35″W
17400	13Ed. 3/16/85 LAST NM 2/86		(20/86 CG17) 32/86
	Delete	Designation "2" from light	55°56.3′N 133°36.9′W
	Change	Designation of light "5" to "3"	55°56.4′N 133°39.4′W
17400	13Ed. 3/16/85 LAST NM 32/86		(42/86 CG17) 46/86
	Change	Color of buoy to green and red bands (topmost band green)	55°34.6′N 133°18.9′W
17400	13Ed. 3/16/85 LAST NM 46/86		(24/87 CG17) 31/87
	Change	Color of buoy to green	55°44.5′N 133°40.1′W
17400	13Ed. 3/16/85 LAST NM 31/87		(33/87 CG17) 43/87
	Change	Height of light to 55ft and obscured sector to 090°-294°	54°39.9′N 132°41.4′W
17400	13Ed. 3/16/85 LAST NM 43/87		(3/88 CG17) 9/88
	Change	Buoy to green, Fl G 6s	55°32.3′N 133°15.0′W
17400	13Ed. 3/16/85 LAST NM 9/88		(14/88 CG17) 19/88
	Change	Color of buoy "3A" to green	55°29.1′N 133°15.8′W
17400	13Ed. 3/16/85 LAST NM 19/88		(29/88 CG17) 37/88
	Relocate	Light close NW to	55°50.0′N 133°37.9′W
★17400	13Ed. 3/16/85 LAST NM 37/88		(33, 34/88 CG17) 42/88
	Change	Lights to Fl 6s 80ft 7M with obscured sector 089°-297° Fl 4s 130ft 7M with obscured sector 186°-007° (See 43/87-17400)	54°39.9′N 132°41.4′W 55°10.7′N 133°15.8′W

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★17400 (Continued)
Change — Color of buoys, each to green
(undesignated)
(undesignated)
"9"
"3"
(undesignated)

Buoy "KL" to red and green bands (topmost band red), Fl R

17400 13Ed. 3/16/85 LAST NM 42/88
Add — Superbuoy ODAS, yellow, Fl(5) Y 20s

17400 13Ed. 3/16/85 LAST NM 14/89
Add — Depth 10 fathoms enclosed by depth contour "Rep (1988)"

★17401 8Ed. 10/6/79 NEW EDITION

★17401 8Ed. 10/6/79 LAST NM 2/80
Add — Rock awash enclosed by danger circle

★17401 8Ed. 10/6/79 LAST NM 29/80
Add — Chartlets from back of Section I
(A)
(B)

17401 8Ed. 10/6/79 LAST NM 31/80
Change — Height of light "1" to 27ft

17401 8Ed. 10/6/79 LAST NM 38/85
Delete — Designation "1" from light

★17402 8Ed. 5/8/82 NEW EDITION

★17402 8Ed. 5/8/82 LAST NM 35/82
Add — Position circle "Subm pile"

★17402 8Ed. 5/8/82 LAST NM 43/82
Add — Bn, green

★17402 8Ed. 5/8/82 LAST NM 27/83
Delete — Designation "2" from light

★17403 11Ed. 3/15/80 NEW EDITION

★17403 11Ed. 3/15/80 LAST NM 25/80
Add — Double solid line "FIXED BRIDGE HOR CL 67 FT VERT CL 16 FT" between

17403 11Ed. 3/15/80 LAST NM 31/80
Delete — Buoy "1"

17403 11Ed. 3/15/80 LAST NM 31/81
Delete — Buoy "6"

Add — Bn "6", red

★17403 11Ed. 3/15/80 LAST NM 38/81
Change — Characteristic of light to Fl G 4s

★17403 11Ed. 3/15/80 LAST NM 40/84
Delete — Designation "9" from light

17403 11Ed. 3/15/80 LAST NM 1/85
Change — Color of buoy "3" to green

17403 11Ed. 3/15/80 LAST NM 42/85
Delete — Designation "2" from light

Add — Bn "E", red

42/88

55°33.7'N 133°17.8'W
55°30.1'N 133°13.7'W
55°33.7'N 133°06.9'W
55°30.5'N 133°10.4'W
55°28.6'N 133°13.7'W

55°30.4'N 133°10.4'W

(3(79)89 Ottawa) 14/89
54°17.4'N 133°24.0'W

(CL479/89) 25/89

54°42.9'N 132°41.3'W

(NOS) 2/80

(BP106227/66) 29/80
56°00'52.8"N 132°50'06.7"W

(NOS) 31/80

56°05.0'N 132°51.0'W
56°05.0'N 132°53.0'W

(33/85 CG17) 38/85
56°02'52.6"N 132°51'39.0"W

(26/86 CG17) 32/86
56°02'52"N 132°51'39"W

(NOS) 35/82

(NOS) 43/82
55°58'21"N 133°[illegible]"W

(22/83 CG17) 27/83
55°58'27"N [illegible]°47'47"W

(4/84 CG17) 8/84
55°59'14"N 134°06'10"W

(NOS) 25/80

(CL760/80) 31/80

55°57'05"N 133°14'00"W
55°57'06"N 133°14'05"W

(25/81 CG17) 31/81
55°53'29"N 133°42'25"W

(33/81 CG17) 38/81
55°47'45"N 133°18'18"W

55°47'50"N 133°18'16"W

(35/84 CG17) 40/84
55°58'28"N 133°17'40"W

(44/84 CG17) 1/85
55°49'10"N 133°19'47"W

(38/85 CG17) 42/85
55°46'32"N 133°17'52"W

(26/86 CG17) 32/86
55°56'20"N 133°36'52"W

55°57'47"N 133°37'15"W

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17403	(Continued)		32/86
		(And Inset)	
	Change	Designation of light "5" to "3"	55°56′30″N 133°39′24″W
		Designation of buoy "4" to "2"	55°56′31″N 133°38′52″W
★17403	11Ed. 3/15/80 LAST NM 32/86		(14/87 CG17) 20/87
	Add	Legend "(see note B)"	55°57′45″N 133°37′27″W
		Note	
		"NOTE B	
		Privately maintained Edna Bay Shoal Buoys (about 10), white with orange stripes and diamond, worded "Shoals," mark hazardous shoals near public float."	55°49′00″N 133°06′00″W
17403	11Ed. 3/15/80 LAST NM 20/87		(24/87 CG17) 31/87
	Change	Color of buoy "5" to green	55°47′11″N 133°17′17″W
★17403	11Ed. 3/15/80 LAST NM 31/87		(29/88 CG17) 37/88
	Relocate	Light close NW to	55°50′02″N 133°37′54″W
★17404	10Ed. 7/30/83	NEW EDITION	(NOS) 43/83
★17404	10Ed. 7/30/83 LAST NM 43/83		(CL346/84) 15/84
	Substitute	Dangerous rock awash "Rep (1983)" (PA) for islet	55°33′28″N 133°25′41″W
	Add	Dangerous submerged rock "Rep (1983)" (PA)	55°33′52″N 133°25′47″W
		Islet (PA), radius 50 yards, centered	55°33′22″N 133°25′54″W
★17404	10Ed. 7/30/83 LAST NM 15/84		(44/84 CG17) 1/85
	Change	Characteristic of buoy "12" to Fl R 4s	55°43′57″N 133°39′35″W
★17404	10Ed. 7/30/83 LAST NM 1/85		(38/85 CG17) 42/85
	Change	Color of buoy "3" to green	55°46′32″N 133°17′52″W
★17404	10Ed. 7/30/83 LAST NM 42/85		(42/86 CG17) 46/86
	Change	Color of buoy to green and red bands (topmost band green)	55°34′33″N 133°18′56″W
★17404	10Ed. 7/30/83 LAST NM 46/86		(24/87 CG17) 31/87
	Change	Color of buoys, each to green	
		"5"	55°47′11″N 133°17′17″W
		"9"	55°44′30″N 133°40′03″W
17404	10Ed. 7/30/83 LAST NM 31/87		(3/88 CG17) 9/88
	Change	Buoy "7" to green, Fl G 6s	55°32′16″N 133°14′59″W
★17404	10Ed. 7/30/83 LAST NM 9/88		(15/88 CG17) 19/88
	Delete	Designation "9" from light	55°49′10″N 133°19′47″W
17404	10Ed. 7/30/83 LAST NM 19/88		(33/88 CG17) 42/88
	Change	Color of buoy "9" to green	55°33′42″N 133°17′51″W
★17405	12Ed. 2/4/84	NEW EDITION	(NOS) 13/84
★17405	12Ed. 2/4/84 LAST NM 13/84		(11/84 CG17) 17/84
	Change	Color of buoy "KL" to red and black bands (topmost band red)	55°30′25″N 133°10′25″W
★17405	12Ed. 2/4/84 LAST NM 17/84		(15/84 CG17) 22/84
	Change	Characteristic of lights to Fl R 10sec	55°33′15″N 133°06′30″W
			55°33′20″N 133°06′30″W
★17405	12Ed. 2/4/84 LAST NM 22/84		(45/84 CG17) 1/85
	Relocate	Buoy "3" close W to	55°28′28″N 133°09′35″W
	Change	Characteristic of buoys, each to Fl R 4s	
		"2"	55°21′27″N 133°17′37″W
		"2"	55°28′16″N 133°13′08″W
		Lights "2" to Fl R 4s 20ft 4M (undesignated) to Fl R 4M	55°33′28″N 133°06′10″W 55°28′27″N 133°08′33″W

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★17405	(Continued)		1/85
	Change	(Inset Shelter Cove) Light "2" to Fl R 4s 30ft 4M	55°28′27″N 133°08′32″W
★17405	12Ed. 2/4/84 LAST NM 1/85 Add	Legend "Sign" to beacon "3" Bns, white	(27/85 CG17) 32/85 55°33′26″N 133°06′03″W 55°33′19″N 133°06′02″W 55°33′16″N 133°06′00″W
★17405	12Ed. 2/4/84 LAST NM 32/85 Change	Color of buoy "1" to green	(35/85 CG13) 40/85 55°30′35″N 133°11′06″W
17405	12Ed. 2/4/84 LAST NM 40/85 Change	Color of buoy to green and red bands (topmost band green)	(42/86 CG17) 46/86 55°34′33″N 133°18′57″W
★17405	12Ed. 2/4/84 LAST NM 46/86 Relocate	Buoy "3" (55°28′28″N 133°09′35″W) to and change to green, Fl G 2.5s	(25/87 CG17; USCG LL) 33/87 55°28′28″N 133°09′31″W
	Relocate	(Inset Shelter Cove) Buoy "3" close W to and change to green, Fl G 2.5s	55°28′27.6″N 133°09′31.1″W
★17405	12Ed. 2/4/84 LAST NM 33/87 Change	Buoy "7" to green, Fl G 6s	(3/88 CG17) 9/88 55°32′17″N 133°14′59″W
.17405	12Ed. 2/4/84 LAST NM 9/88 Change	Color of buoy "3A" to green	(14/88 CG17) 19/88 55°29′07″N 133°15′46″W
	Change	(And Inset Shelter Cove) Color of buoy "7" to green	55°29′14″N 133°08′40″W
17405	12Ed. 2/4/84 LAST NM 19/88 Change	Color of buoys, each to green "9" "5" "9" "3" "3"	(33, 34/88 CG17) 42/88 55°33′45″N 133°17′51″W 55°30′04″N 133°13′42″W 55°33′40″N 133°06′53″W 55°30′29″N 133°02′23″W 55°28′33″N 133°13′41″W
		Buoy "KL" to red and green bands (topmost band red), Fl(2+1) R 6s	55°30′25″N 133°10′25″W
★17406	5Ed. 2/18/78	NEW EDITION	(NOS) 20/78
★17406	5Ed. 2/18/78 LAST NM 20/78 Change	Obscured sector of light to 297°30′-071°	(20/78 CG17) 25/78 55°33′18″N 133°37′15″W
★17406	5Ed. 2/18/78 LAST NM 25/78 Change	Obscured sector of light to 296°-066°	(46/78 CG17) 51/78 55°33′18″N 133°37′15″W
★17406	5Ed. 2/18/78 LAST NM 51/78 Change	Obscured sector of light to 148°-263°	(22/79 CG17) 27/79 55°13.9′N 133°36.8′W
★17406	5Ed. 2/18/78 LAST NM 27/79 Change	Obscured sector of lights to 292°-070° 310°-053°	(39/79 CG17) 44/79 55°33′18″N 133°37′18″W 55°33′46″N 133°43′36″W
17406	5Ed. 2/18/78 LAST NM 44/79 Substitute	Dangerous rock awash "Rep (1983)" (PA) for islet	(CL346/84) 15/84 55°33′28″N 133°25′41″W
	Add	Dangerous submerged rock "Rep (1983)" (PA)	55°33′52″N 133°25′47″W
		Islet (PA), radius 50 yards, centered	55°33′22″N 133°25′54″W
★17407	13Ed. 6/21/86	NEW EDITION	(NOS) 38/86
★17407	13Ed. 6/21/86 LAST NM 38/86 Delete	Bn	(33/86 CG17) 39/86 55°12′10″N 132°49′33″W
	Add	Buoy "2A", red nun	55°12′08″N 132°49′32″W

★17407	13Ed. 6/21/86 LAST NM 39/86		(10/87 CG17) 16/87
	Change	Color of buoys, each to green	
		"1"	55°12'11"N 132°50'12"W
		"3"	55°11'36"N 132°51'14"W
		"5"	55°11'19"N 132°51'28"W
		Color of buoy to green and red bands (topmost band green)	55°12'03"N 132°49'41"W
17407	13Ed. 6/21/86 LAST NM 16/87		(33/88 CG17) 42/88
	Change	Light to Fl 4s 130ft 7M with obscured sector 186°-007°	55°10'42"N 133°15'47"W
★17408	6Ed. 8/6/77	NEW EDITION	(NOS) 41/77
★17409	8Ed. 12/30/78	NEW EDITION	(NOS) 9/79
★17409	8Ed. 12/30/78 LAST NM 9/79		(16/84 CG17) 22/84
	Add	Depths 17 fathoms	54°38'44"N 132°43'50"W
		14 fathoms	54°38'53"N 132°44'30"W
17409	8Ed. 12/30/78 LAST NM 22/84		(34(780)84 Ottawa) 4/85
	Add	Depth 16 fathoms "Rep (1984)" (PA)	54°38'44"N 132°43'55"W
★17409	8Ed. 12/30/78 LAST NM 4/85		(33/87 CG17) 43/87
	Delete	Light	54°39'55"N 132°41'25"W
	Add	Light Fl 6s 55ft 7M with obscured sector 090°-294°	54°39'52"N 132°41'24"W
17409	8Ed. 12/30/78 LAST NM 43/87		(33/88 CG17) 42/88
	Change	Light to Fl 6s 80ft 7M with obscured sector 089°-297° (See 43/87-17409)	54°39'52"N 132°41'24"W
★17409	8Ed. 12/30/78 LAST NM 42/88		(38/88 CG17) 45/88
	Add	Dangerous wreck (PA)	54°48'00"N 132°58'00"W
★17409	8Ed. 12/30/78 LAST NM 45/88		(CL479/89) 25/89
	Add	Depth 10 fathoms enclosed by depth contour "Rep (1988)"	54°42'55"N 132°41'20"W
★17412	1Ed. 12/26/87	NEW CHART	(DMAHTC) 10/88
17412	1Ed. 12/26/87 LAST NM 10/88		(41(786)88 Ottawa) 50/88
	Add	Legend "Racon" at light	53°25'30"N 131°54'50"W
★17413	1Ed. 12/22/84	NEW CHART	(DMAHTC) 9/85
17413	1Ed. 12/22/84 LAST NM 9/85		(47(1129)84 Ottawa) 12/85
	Add	Buoy "D57", green, Fl G WHIS	54°18'55"N 130°48'50"W
17413	1Ed. 12/22/84 LAST NM 12/85		(4(120)85 Ottawa) 16/85
	Add	0 fathom 3 feet	54°13'24.4"N 131°35'01.9"W
		2 fathoms 2 feet	54°13'27.0"N 131°36'49.7"W
17413	1Ed. 12/22/84 LAST NM 16/85		(8(249)85 Ottawa) 17/85
	Add	Rock "Uncov 1 ft"	53°39'46"N 131°51'54"W
17413	1Ed. 12/22/84 LAST NM 17/85		(48(1157)85 Ottawa) 4/86
	Add	Pilot station symbol	54°19.0'N 130°53.0'W
17413	1Ed. 12/22/84 LAST NM 4/86		(NVS6892/83) 12/86
	Delete	Notes "WARNING...significance."	53°53'00"N 132°50'00"W
		"CHANGES...No. 1."	53°41'00"N 132°48'00"W
	Add	Note "BUOYAGE IALA Buoyage System (Region B) is in effect in the area covered by this chart. See Chart No. 1."	53°47'00"N 132°46'00"W
17413	1Ed. 12/22/84 LAST NM 12/86		(11(248)86 Ottawa) 19/86
	Relocate	Light close NW to	54°11'25.3"N 133°39.2"W
17413	1Ed. 12/22/84 LAST NM 19/86		(34(810)86 Ottawa) 40/86
	Delete	Light	54°02.9'N 132°32.7'W

17412	1Ed. 12/22/84 LAST NM 40/86		(31(751)86 Ottawa) 42/86
	Relocate	Light close SW to	54°34'46"N 131°04'35"W
17413	1Ed. 12/22/84 LAST NM 42/86		(20(392)88 Ottawa) 26/88
	Delete	R Bn at light	54°17.6'N 130°52.7'W
★17414	1Ed. 6/9/84	NEW CHART	(DMAHTC) 30/84
	Change	Note (IALA Buoyage) to "BUOYAGE IALA Buoyage System (Region B) is in effect in the area covered by this chart. See Chart No. 1."	53°29'12"N 132°10'48"W
17414	1Ed. 6/9/84 LAST NM 30/84		(45(869)88 Ottawa) 4/89
	Change	Height of light to 47ft	52°44.7'N 132°06.4'W
★17416	Ed. 8/4/84	NEW CHART	(DMAHTC) 39/84
	Delete	Purple outline of chart 17462	52°49'48"N 131°21'00"W
17416	Ed. 8/4/84 LAST NM 39/84		(18(490)85 Ottawa) 22/85
	Delete	Light	52°10'48"N 131°21'24"W
17416	Ed. 8/4/84 LAST NM 22/85		(15(267)87 Ottawa) 28/87
	Delete	Depths 7 fathoms 3 feet	52°59.9'N 131°56.2'W
		23 fathoms	53°01.3'N 131°57.2'W
		11 fathoms	53°02.8'N 131°54.4'W
	Add	Depths 2 fathoms 1 foot, rocky	52°59'59"N 131°56'23"W
		1 fathom 5 feet, rocky	53°01'23"N 131°57'08"W
		5 fathoms 3 feet	53°02'48"N 131°54'39"W
17416	Ed. 8/4/84 LAST NM 28/87		(46(905)87 Ottawa) 7/88
	Delete	Depths 19 fathoms	52°56'04"N 131°32'18"W
		12 fathoms	52°56'06"N 131°31'36"W
	Substitute	Depths 9 fathoms 2 feet Rk for 9 fathoms 5 feet	52°55'02"N 131°33'37"W
		5 fathoms 1 foot Rk for 5 fathoms 4 feet	52°54'48"N 131°32'37"W
		15 fathoms Rk for 16 fathoms	52°55'02"N 131°30'06"W
	Add	Depths 13 fathoms Rk	52°55'24"N 131°30'18"W
		9 fathoms Rk	52°56'06"N 131°31'08"W
		13 fathoms Rk	52°56'12"N 131°32'12"W
		16 fathoms	52°56'11"N 131°34'02"W
17416	Ed. 8/4/84 LAST NM 7/88		(43(841)87 Ottawa) 8/88
	Delete	Depth 7 fathoms	52°29'11"N 131°24'01"W
	Add	Depth 0 fathom 1 foot Rk	52°29'12"N 131°23'58"W
★17420	23Ed. 3/16/85	NEW EDITION	(NOS) 19/85
17420	23Ed. 3/16/85 LAST NM 19/85		(16/85 CG17) 20/85
	Change	Characteristic of buoy to Fl R(2+1)	55°18.2'N 131°34.5'W
17420	23Ed. 3/16/85 LAST NM 20/85		(18/85 CG17) 22/85
	Change	Height of light to 28ft	55°53.8'N 132°05.4'W
17420	23Ed. 3/16/85 LAST NM 22/85		(21/85 CG17) 25/85
	Add	Light "2" Fl R 6s with obscured sector 133°-248°	55°40'47"N 132°27'21"W
17420	23Ed. 3/16/85 LAST NM 25/85		(39/85 CG17) 43/85
	Change	Color of buoy "3" to green	55°06'45"N 131°41'44"W
17420	23Ed. 3/16/85 LAST NM 43/85		(6/86 CG17) 10/86
	Change	Color of buoy to green	55°08.3'N 131°34.3'W
17420	23Ed. 3/16/85 LAST NM 10/86		(12/86 CG17) 18/86
	Change	Designation of light "10" to "WR"	55°16.3'N 131°36.6'W
17420	23Ed. 3/16/85 LAST NM 18/86		(31/86 CG17) 37/86
	Delete	Designation "18" from light	55°17.6'N 131°32.8'W
	Change	Characteristic of light to Fl and visibility (range) to 5M	55°07.9'N 131°37.9'W

17420	23Ed. 3/16/85 LAST NM 37/86		(36/86 CG17) 40/86
	Delete	Designation "14" from light	55°14.4'N 131°25.5'W
	Change	Designation of beacon to "CR"	55°17.4'N 131°31.3'W
17420	23Ed. 3/16/85 LAST NM 40/86		(39/86 CG17) 43/86
	Change	Characteristic of buoy "2" to Fl R 2.5s	55°46.8'N 132°18.2'W
17420	23Ed. 3/16/85 LAST NM 43/86		(41/86 CG17) 45/86
	Change	Designations of buoy "4" to "2"	55°08.8'N 131°39.6'W
		buoy "3" to "1"	55°06.7'N 131°41.7'W
		light "8" to "BR"	55°15.5'N 131°35.9'W
17420	23Ed. 3/16/85 LAST NM 45/86		(42/86 CG17) 46/86
	Change	Designation of light "11" to "TI"	55°08.6'N 131°12.8'W
	Add	Designation "BI" to beacon	55°55.9'N 132°06.7'W
17420	23Ed. 3/16/85 LAST NM 46/86		(46/86 CG17) 51/86
	Change	Characteristic of light "4" to Fl R 4s	55°44.6'N 132°15.7'W
17420	23Ed. 3/16/85 LAST NM 51/86		(10/87 CG17) 16/87
	Change	Color of buoy "5" to green	55°09.5'N 131°37.8'W
17420	23Ed. 3/16/85 LAST NM 16/87		(17/87 CG17) 24/87
	Change	Light to Fl 4s 23ft 6M	55°10.7'N 131°16.9'W
	Add	Designation "SI" to light	55°16.1'N 131°29.9'W
17420	23Ed. 3/16/85 LAST NM 24/87		(18/87 CG17) 25/87
	Change	Designation of light "6" to "4"	55°10.6'N 131°36.3'W
		Characteristic of light to Fl(2+1) R 6s	55°08.3'N 131°36.3'W
		Light to Fl 2.5s 5M	55°16.0'N 131°38.3'W
17420	23Ed. 3/16/85 LAST NM 25/87		(33/87 CG17) 43/87
	Change	Height of light to 55ft and obscured sector to 090°-294°	54°39.9'N 132°41.4'W
17420	23Ed. 3/16/85 LAST NM 43/87		(34/87 CG17) 44/87
	Change	Height of light to 33ft	55°18.2'N 132°04.2'W
17420	23Ed. 3/16/85 LAST NM 44/87		(11/88 CG17) 17/88
	Delete	Designation "3" from light	54°52.3'N 131°11.7'W
	Change	Lights to	
		Fl 4s 33ft 5M and delete designation "8"	55°05.3'N 131°03.1'W
		Fl 6s 55ft 6M and delete designation "6"	55°01.5'N 131°03.5'W
17420	23Ed. 3/16/85 LAST NM 17/88		(19/88 CG17) 24/88
	Substitute	Bn "BR", red for light "BR"	55°15.5'N 131°35.9'W
17420	23Ed. 3/16/85 LAST NM 24/88		(20(392)88 Ottawa; Can LL) 26/88
	Delete	R Bn at light	54°17.7'N 130°52.7'W
	Add	Racon at light	54°00.0'N 130°47.6'W
17420	23Ed. 3/16/85 LAST NM 26/88		(25/88 CG17) 32/88
	Delete	Light	55°40.9'N 130°07.5'W
17420	23Ed. 3/16/85 LAST NM 32/88		(32, 33, 35/88 CG17) 42/88
	Change	Light to Fl 6s 5M	55°06.7'N 131°42.3'W
		Designation of buoy "5" to "1"	55°09.5'N 131°37.8'W
		Light to Fl 6s 80ft 7M with obscured sector 089°-297° (See 43/87-17420)	54°39.9'N 132°41.4'W
	Add	Light Fl R 2.5s 4M	55°26.2'N 131°48.8'W
17420	23Ed. 3/16/85 LAST NM 42/88		(CL479/89) 25/89
	Add	Depth 10 fathoms enclosed by depth contour "Rep (1988)"	54°42.9'N 132°41.3'W

★17421	1Ed. 9/15/84	NEW CHART	(DMAHTC) 4/85
	Change	Legends in upper right and lower left margin of chart to "SOUNDINGS IN FATHOMS AND FEET"	
17421	1Ed. 9/15/84 LAST NM 4/85		(5/85 CG17) 9/85
	Relocate	Buoy "1" close ESE to	55°54'15"N 130°00'12"W
17421	1Ed. 9/15/84 LAST NM 9/85		(49(1181)84 Ottawa) 14/85
	Add	Chartlet, depicting changes in hydrography and topography, from back of Section I	55°55'00"N 130°00'00"W
★17421	1Ed. 9/15/84 LAST NM 14/85		(14/89 CG17) 19/89
	Relocate	Buoy "1" close W to	55°54'16"N 130°00'24"W
★17422	6Ed. 8/15/81	NEW EDITION	(NOS) 40/81
★17422 T	6Ed. 8/15/81 LAST NM 40/81 (Temp'y)		(20/83 CG17) 25/83
	Add	Position circle "Subm buoy" marked by two yellow floats	55°37.2'N 131°49.3'W
★17422	6Ed. 8/15/81 LAST NM 25/83		(16/84 CG17) 22/84
	Add	Bn, green (Priv maintd)	55°28.4'N 131°47.7'W
★17422	6Ed. 8/15/81 LAST NM 22/84		(49, 50/84 CG17) 3/85
	Relocate	Lights close S to	55°55'33.6"N 131°36'47.5"W
		close W	55°43'53.1"N 131°43'50.2"W
		close E	55°53'04.2"N 131°44'40.3"W
17422	6Ed. 8/15/81 LAST NM 3/85		(32/85 CG17) 37/85
	Add	Bn "5", green	55°24'16"N 131°44'44"W
17422	6Ed. 8/15/81 LAST NM 37/85		(33, 34/85 CG13) 38/85
	Add	Light "2", Fl R 6s 3M	55°24'04"N 131°44'53"W
		Bn "3", green	55°24'08"N 131°44'58"W
★17422	6Ed. 8/15/81 LAST NM 38/85		(20/83 CG17) 39/85
	Delete	Position circle "Subm buoy" (Supersedes 25/83T-17422)	55°37.2'N 131°49.3'W
17422	6Ed. 8/15/81 LAST NM 39/85		(35/85 CG17) 40/85
	Change	Color of buoy "17" to green	55°25'50"N 131°50'21"W
★17422	6Ed. 8/15/81 LAST NM 40/85		(44/85 CG17) 50/85
	Substitute	Depth 3½ fathoms for 18 fathoms and relocate depth contour (10 fathoms) W to enclose above depth	55°54'08.5"N 131°38'09.1"W
	Add	Buoy (mooring)	55°39'10"N 131°58'48"W
★17422	6Ed. 8/15/81 LAST NM 50/85		(40/86 CG17) 45/86
	Delete	Buoy (mooring)	55°42'06"N 131°38'11"W
	Add	Buoy (mooring)	55°58'05"N 131°37'07"W
★17422	6Ed. 8/15/81 LAST NM 45/86		(19/87 CG17) 26/87
	Add	Designation "CP" to beacon	55°28'36"N 131°47'53"W
★17422	6Ed. 8/15/81 LAST NM 26/87		(34/87 CG17) 44/87
	Change	Height of light to 18ft	55°55.6'N 131°36.8'W
17422	6Ed. 8/15/81 LAST NM 44/87		(35/88 CG17) 42/88
	Delete	Buoy "16"	55°26'11"N 131°48'47"W
	Add	Light "16" Fl R 2.5s 4M	55°26'15"N 131°48'47"W
★17423	11Ed. 1/3/81	NEW EDITION	(NOS) 10/81
★17423	11Ed. 1/3/81 LAST NM 10/81 (Plan Union Bay)		(11/82 CG17) 16/82
	Change	Designation of light "2" to "4"	55°44'34"N 132°15'41"W
		buoy "1" to "3"	55°44'35"N 132°15'44"W
	Add	Bn "1", green	55°44'40"N 132°16'30"W

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★17423	11Ed. 1/3/81 LAST NM 16/82		(15/84 CG17) 22/84
	Relocate	(Plan Union Bay) Buoy "2" close E to	55°46'48.6"N 132°18'09.4"W
★17423	11Ed. 1/3/81 LAST NM 22/84		(41/84 CG17) 52/84
	Relocate	(Plan Naha Bay) Light close SW to	55°33'17.6"N 131°43'37.7"W
★17423	11Ed. 1/3/81 LAST NM 52/84		(21/85 CG17) 25/85
	Add	(Plan Tolstoi and Thorne Bays) Light "2" Fl R 6s with obscured sector 133°-248°	55°40'47"N 132°27'21"W
★17423	11Ed. 1/3/81 LAST NM 25/85		(39/86 CG17) 43/86
	Change	(Plan Union Bay) Characteristic of buoy "2" to Fl R 2.5s	55°46'48.6"N 132°18'09.4"W
★17423	11Ed. 1/3/81 LAST NM 43/86		(46/86 CG17) 51/86
	Change	(Plan Union Bay) Characteristic of light "4" to Fl R 4s	55°44'34"N 132°15'40"W
★17424	5Ed. 8/6/77	NEW EDITION	(NOS) 43/77
	Substitute	Legend "WXJ-26" for "WJX-26"	55°46'12"N 130°45'00"W
★17424	5Ed. 8/6/77 LAST NM 43/77		(2/83 CG17) 7/83
	Add	Depth 1¾ fathoms	55°20'28"N 130°39'51"W
★17424	5Ed. 8/6/77 LAST NM 7/83		(23/84 CG17) 27/84
	Relocate	Buoy close NE to	55°43'57.1"N 130°45'10.5"W
	Add	Depths ¼ fathom Rk	55°42'26.8"N 130°53'39.1"W
		¼ fathom Rk	55°42'27.3"N 130°53'39.5"W
		½ fathom Rk	55°42'27.4"N 130°53'40.6"W
		5¼ fathoms Rk	55°42'32.5"N 130°53'52.7"W
		5¼ fathoms Rk	55°42'37.6"N 130°53'48.1"W
		4 fathoms Rk	55°42'43.3"N 130°53'48.2"W
★17424	5Ed. 8/6/77 LAST NM 27/84		(40/86 CG17) 45/86
	Delete	Buoy (mooring)	55°35'12"N 130°57'48"W
	Add	Buoy (mooring)	55°30'00"N 130°59'16"W
★17425	4Ed. 7/16/77	NEW EDITION	(NOS) 40/77
	Change	Visibility (range) of light to 5M (Previously published 37/77)	55°40'54"N 130°07'30"W
★17425	4Ed. 7/16/77 LAST NM 40/77		(16/78 CG17) 21/78
	Change	Obscured sector of light to 157°30'-343°	55°40'57"N 130°07'30"W
17425	4Ed. 7/16/77 LAST NM 21/78		(17(385)78 Ottawa) 22/78
	Change	Light to Gp Fl G (2) 10sec 23ft	55°54'45"N 130°00'09"W
17425	4Ed. 7/16/77 LAST NM 22/78		(21(477)78 Ottawa) 29/78
	Add	Rock "dries (rep 1977) (PA)"	55°25'12"N 130°00'48"W
★17425	4Ed. 7/16/77 LAST NM 29/78		(23/79 CG17) 28/79
	Change	Obscured sector of light to 157°-342°	55°40.9'N 130°07.5'W
★17425	4Ed. 7/16/77 LAST NM 28/79		(29/81 CG17) 34/81
	Relocate	Buoy "1" close N to	55°54'28"N 130°00'12"W
17425	4Ed. 7/16/77 LAST NM 34/81		(Can LL) 22/83
	Change	Light to Gp Fl G(3) 12sec 23ft	55°54'45"N 130°00'09"W
★17425	4Ed. 7/16/77 LAST NM 22/83		(30/83 CG17) 38/83
	Change	Designation of buoy "1" to "3"	55°54'27"N 130°00'12"W
	Add	Buoy "1", green can	55°54'16"N 130°00'28"W

(continued on next page)

★17425	(Continued) Add	Note in upper right margin of chart "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	38/83
17425	4Ed. 7/16/77 LAST NM 38/83 Relocate	Light close NW to	(33(760)84 Ottawa) 2/85 55°54'47"N 130°00'12"W
★17425	4Ed. 7/16/77 LAST NM 2/85 Relocate	Buoy "1" (55°54'16"N 130°00'28"W) to	(5/85 CG17) 9/85 55°54'15"N 130°00'12"W
★17425	4Ed. 7/16/77 LAST NM 9/85 Add	Chartlet, depicting changes in hydrography and aids to navigation, from back of Section I and relocate buoy "1" on chartlet close E to	(BP124291; 5/85 CG17) 12/85 55°53'18"N 130°00'00"W 55°54'15"N 130°00'12"W
★17425	4Ed. 7/16/77 LAST NM 12/85 Delete	Legend "Priv maind" from light (See 12/85-17425)	(NOS) 15/85 55°54'45"N 130°00'09"W
	Change	Light to FR (Priv maind) (See 12/85-17425)	55°54'53"N 130°00'15"W
★17425	4Ed. 7/16/77 LAST NM 15/85 Change	Color of buoy "3" to green	(31/86 CG17) 38/86 55°54'28"N 130°00'12"W
★17425	4Ed. 7/16/77 LAST NM 38/86 Relocate	Buoy "1" close NW to (See 12/85-17425)	(20/87 CG17) 28/87 55°54'16"N 130°00'24"W
★17425	4Ed. 7/16/77 LAST NM 28/87 Delete	Light	(25/88 CG17) 32/88 55°40'55"N 130°07'30"W
★17426	12Ed. 6/21/86	NEW EDITION	(NOS) 38/86
17426	12Ed. 6/21/86 LAST NM 38/86 Change	Magnetic variation 6° to 9°	(NOS) 39/86 55°34'00"N 132°25'00"W
★17426	12Ed. 6/21/86 LAST NM 39/86 Change	Height of light to 12ft	(35/87 CG17) 44/87 55°32'06"N 132°23'40"W
17426	12Ed. 6/21/86 LAST NM 44/87 Delete	Buoy "4"	(38/87 CG17) 45/87 55°26'18"N 132°20'15"W
★17426	12Ed. 6/21/86 LAST NM 45/87 Delete	(And Inset Hollis Anchorage) Bn	(19/88 CG17) 24/88 55°28'49"N 132°39'06"W
★17427	5Ed. 7/28/84	NEW EDITION	(NOS) 40/84
17427	5Ed. 7/28/84 LAST NM 40/84 Add	Dangerous submerged rock (PA)	(CL1506/84) 52/84 54°53'40"N 130°30'26"W
★17427	5Ed. 7/28/84 LAST NM 52/84 Add	Chartlet, depicting changes in hydrography, from back of Section I	(NOS) 6/85 54°40.0'N 130°45.0'W

17427	5Ed. 7/28/84 LAST NM 6/85		
	Add	Rock awash (PA)	(1/85 CG17) 7/85 54°57'56"N 130°38'55"W
★17428	5Ed. 2/25/84	NEW EDITION	(NOS) 16/84
T 17428	5Ed. 2/25/84 (Temp'y)		(12, 41/81 CG17) 16/84
	Add	Buoy "8" Fl R 4sec	55°21'24.3"N 131°42'00.4"W
17428	5Ed. 2/25/84 LAST NM 16/84		
	Add	Lights, each Fl R, FG (Priv maintd) "1" "2"	(35/84 CG17) 40/84 55°20'29"N 131°38'44"W 55°20'33"N 131°38'51"W
17428	5Ed. 2/25/84 LAST NM 40/84		
	Delete	Buoy "8" (Supersedes 16/84T-17428)	(47, 50/84 CG17) 2/85 55°21'24"N 131°42'00"W
	Add	Lights Fl R 4s (Priv maintd)	55°21'17"N 131°41'43"W 55°21'20"N 131°41'50"W
★17428	5Ed. 2/25/84 LAST NM 2/85		
	Change	Characteristic of buoy to Fl R(2+1)	(16/85 CG17) 20/85 55°18'07"N 131°34'34"W
★17428	5Ed. 2/25/84 LAST NM 20/85		
	Add	Bn "5", green	(32/85 CG17) 37/85 55°24'16"N 131°44'44"W
★17428	5Ed. 2/25/84 LAST NM 37/85		
	Add	Light "2", Fl R 6s 3M Bn "3", green	(33, 34/85 CG13) 38/85 55°24'04"N 131°44'53"W 55°24'08"N 131°44'58"W
★17428	5Ed. 2/25/84 LAST NM 38/85		
	Change	Color of buoy "17" to green	(35/85 CG17) 40/85 55°25'50"N 131°50'21"W
17428	5Ed. 2/25/84 LAST NM 40/85		
	Change	Color of buoy "5" to green	(39/85 CG17) 43/85 55°19'10"N 131°38'47"W
17428	5Ed. 2/25/84 LAST NM 43/85		
	Add	Light FR (Priv maintd)	(4/86 CG17) 9/86 55°18'53"N 131°35'40"W
★17428	5Ed. 2/25/84 LAST NM 9/86		
	Change	Designation of light "10" to "WR"	(12/86 CG17) 18/86 55°16'17"N 131°36'38"W
17428	5Ed. 2/25/84 LAST NM 18/86		
	Change	Buoy "PR" to green and red band (topmost band green) Fl(2+1)G 6s	(28/86 CG17) 32/86 55°20'19"N 131°40'00"W
★17428	5Ed. 2/25/84 LAST NM 32/86		
	Change	Color of buoy "9" to green	(30/86 CG17) 35/86 55°21'52"N 131°43'07"W
17428	5Ed. 2/25/84 LAST NM 35/86		
	Delete	Designation "18" from light	(31/86 CG17) 37/86 55°17'39" 131°32'49"W
★17428	5Ed. 2/25/84 LAST NM 37/86		
	Delete	Designation "14" from light	(36/86 CG17) 40/86 55°14'21"N 131°25'30"W
	Change	Designation of beacon to "CR"	55°17'20"N 131°31'22"W
17428	5Ed. 2/25/84 LAST NM 40/86		
	Change	Designation of light "8" to "BR"	(41/86 CG17) 45/86 55°15'27"N 131°35'54"W
17428	5Ed. 2/25/84 LAST NM 45/86		
	Change	Color of buoy "3" to green	(10/87 CG17) 16/87 55°18'55"N 131°36'05"W
★17428	5Ed. 2/25/84 LAST NM 16/87		
	Change	Characteristic of light "11" to Fl G and visibility (range) to 5M Designation of light "15" to "SI" Light to Fl 4s 23ft 6M	(17/87 CG17) 24/87 55°22'29"N 131°44'13"W 55°16'06"N 131°29'53"W 55°10'42"N 131°16'53"W
17428	5Ed. 2/25/84 LAST NM 24/87		
	Change	Designation of light "6" to "4" Light to Fl 2.5s 37ft 5M	(18/87 CG17) 25/87 55°10'37"N 131°36'16"W 55°16'00"N 131°38'17"W
17428	5Ed. 2/25/84 LAST NM 25/87		
	Change	Buoy to green and red bands (topmost band red) Fl(2+1) R 6s	(51/87 CG17) 4/88
17428	5Ed. 2/25/84 LAST NM 4/88		55°23'48"N 131°46'14"W
	Add	Light "2" Fl R 2.5s 2M	(3/88 CG17) 9/88 55°19'50"N 131°37'18"W

★17428 5Ed. 2/25/84 LAST NM 9/88
Substitute Bn "BR", red for light "BR" (19/88 CG17) 24/88
55°15'27" 131°35'58"W

17428 5Ed. 2/25/84 LAST NM 24/88
Delete Light "2" (22/88 CG17) 27/88
(Supersedes 9/88-17428) 55°19'50"N 131°37'18"W

17428 5Ed. 2/25/84 LAST NM 27/88
Substitute Bns "3S", green for light (25/88 CG17) 32/88
"3", green for light 55°20'55"N 131°40'39"W
55°21'01"N 131°41'00"W

★17428 5Ed. 2/25/84 LAST NM 32/88
Delete Buoy "16" (35/88 CG17) 42/88
55°25'11"N 131°48'47"W

Add Light "16" Fl R 2.5s 4M 55°26'15"N 131°48'47"W

★17428 5Ed. 2/25/84 LAST NM 42/88
Substitute Light "CR" Fl(2+1) R 6s 3M for beacon "CR" (12/89 CG17) 17/89
55°17'20"N 131°31'22"W

★17430 8Ed. 2/19/83 NEW EDITION (NOS) 18/83

I 17430 8Ed. 2/19/83 (NOS; 12, 41/81 CG17) 18/83
(Temp'y)
Add Buoy "8" Fl R 4sec 55°21'24.3"N 131°42'00.4"W

★17430 8Ed. 2/19/83 LAST NM 18/83
Add Wreck (PA) (12/83 CG17) 20/83
55°20'15"N 131°38'14"W

17430 8Ed. 2/19/83 LAST NM 20/83
Change Color of buoy to red and green bands (15/83 CG17) 21/83
(topmost band red) 55°18'07.5"N 131°34'33.5"W

Add Note

"CAUTION
CHANGES IN BUOYAGE

Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."

55°21'30"N 131°35'00"W

★17430 8Ed. 2/19/83 LAST NM 21/83
Add Lights, each Fl R, FG (Priv maintd) (35/84 CG17) 40/84
"1" 55°20'29"N 131°38'44"W
"2" 55°20'33"N 131°38'51"W

★17430 8Ed. 2/19/83 LAST NM 40/84
Delete Buoy "8" (47, 50/84 CG17) 2/85
(Supersedes 18/83T-17430) 55°21'24.3"N 131°42'00.4"W

Add Lights Fl R 4s (Priv maintd) 55°21'16.7"N 131°41'42.8"W
55°21'20.2"N 131°41'50.2"W

17430 8Ed. 2/19/83 LAST NM 2/85
Change Characteristic of buoy to Fl R(2+1) (16/85 CG17) 20/85
55°18'07"N 131°34'33"W

17430 8Ed. 2/19/83 LAST NM 20/85
Change Color of buoy "5" to green (39/85 CG17) 43/85
55°19'10"N 131°38'47"W

★17430 8Ed. 2/19/83 LAST NM 43/85
Add Light FR (Priv maintd) (4/86 CG17) 9/86
55°18'53.5"N 131°35'40.0"W

★17430 8Ed. 2/19/83 LAST NM 9/86
Change Buoy "PR" to green and red bands (topmost band green), Fl(2+1)G 6s (28/86 CG17) 32/86
55°20'19"N 131°39'59"W

17430	8Ed. 2/19/83 LAST NM 32/86		(10/87 CG17) 16/87
	Change	Color of buoy "3" to green	55°18'55.5"N 131°36'05.0"W
★17430	8Ed. 2/19/83 LAST NM 16/87		(16/87 CG17) 23/87
	Change	Designation of lights "2A" to "2S" "3B" to "3S"	55°20'53.5"N 131°40'35.5"W 55°20'55.2"N 131°40'38.6"W
	Add	Designation "2N" to light	55°21'07.4"N 131°41'17.9"W
★17430	8Ed. 2/19/83 LAST NM 23/87		(3/88 CG17) 9/88
	Add	Light "2" Fl R 2.5s 2M	55°19'50"N 131°37'18"W
★17430	8Ed. 2/19/83 LAST NM 9/88		(22/88 CG17) 27/88
	Delete	Light "2" (Supersedes 9/88-17430)	55°19'50"N 131°37'18"W
★17430	8Ed. 2/19/83 LAST NM 27/88		(25/88 CG17) 32/88
	Substitute	Bns "3S", green for light "3S" "3", green for light "3"	55°20'55.2"N 131°40'38.5"W 55°21'01.0"N 131°41'00.0"W

★17431	8Ed. 4/21/79	NEW EDITION	(NOS) 29/79
★17431	8Ed. 4/21/79 LAST NM 29/79		(39/79 CG17) 44/79
	Change	Obscured sector of light to 313°-116°	54°57'05"N 132°44'34"W
★17431	8Ed. 4/21/79 LAST NM 44/79		(34/81 CG17) 38/81
	Change	Obscured sector of light to 318°-116°	54°57'05"N 132°44'34"W
17431	8Ed. 4/21/79 LAST NM 38/81		(33/82 CG17) 39/82
	Add	Buoys (3) (mooring)	55°11'09"N 132°48'18"W
★17431	8Ed. 4/21/79 LAST NM 39/82		(32/85 CG17) 37/85
	Add	Buoy "2", red nun	54°57'27"N 132°45'26"W
17431	8Ed. 4/21/79 LAST NM 37/85		(33/86 CG17) 39/86
	Delete	Bn	55°12'10"N 132°49'33"W
	Add	Buoy "2A", red nun	55°12'08"N 132°49'32"W
17431	8Ed. 4/21/79 LAST NM 39/86		(10/87 CG17) 16/87
	Change	Color of buoy "1" to green Color of buoy to green and red bands (topmost band green)	55°12'11"N 132°50'12"W 55°12'02"N 132°49'40"W

★17432	5Ed. 2/21/81	NEW EDITION	(NOS) 19/81
17432	5Ed. 2/21/81 LAST NM 19/81		(10/82 CG17) 15/82
	Relocate	Buoy "2" close SW to and change designation to "4"	55°08'48"N 131°39'36"W
17432	5Ed. 2/21/81 LAST NM 15/82		(30/82 CG17) 36/82
	Change	Light to Fl G 2½sec 35ft 5M and add designation "3"	55°07'56"N 131°37'55"W
		Designation of buoy "1" to "5"	55°09'30"N 131°37'50"W
★17432	5Ed. 2/21/81 LAST NM 36/82		(38/82 CG17) 43/82
	Change	Light to Fl G 6sec 44ft 5M and add designation "3A"	55°06'50"N 131°42'19"W
		Designation of buoy "1" to "3"	55°06'45"N 131°41'45"W
		Buoy "4" to Fl R 2.5sec BELL	55°08'48"N 131°39'36"W
17432	5Ed. 2/21/81 LAST NM 43/82		(39/82 CG17) 44/82
	Change	Obscured sector of light "3" to 063°-189° (See 36/82-17432)	55°07'56"N 131°37'55"W
17432	5Ed. 2/21/81 LAST NM 44/82		(39/85 CG17) 43/85
	Change	Color of buoy "3" to green	55°06'45"N 131°41'44"W
17432	5Ed. 2/21/81 LAST NM 43/85		(31/86 CG17) 37/86
	Delete	Designation "3" from light and change characteristic to Fl 4s	55°07'57"N 131°37'55"W

17432	5Ed. 2/21/81 LAST NM 37/86		(41/86 CG17) 45/86
	Change	Designation of buoys "4" to "2" "3" to "1"	55°08'48"N 131°39'36"W 55°06'45"N 131°41'45"W
17432	5Ed. 2/21/81 LAST NM 45/86		(10/87 CG17) 16/87
	Change	Color of buoy "5" to green	55°09'30"N 131°37'50"W
★17432	5Ed. 2/21/81 LAST NM 16/87		(32/88 CG17) 42/88
	Change	Light to Fl 6s 5M	55°06'50"N 131°42'19"W
		Designation of buoy "5" to "1"	55°09'31"N 131°37'50"W
★17433	9Ed. 11/5/83	NEW EDITION	(NOS) 2/84
★17434	9Ed. 2/14/81	NEW EDITION	(NOS) 19/81
17434	9Ed. 2/14/81 LAST NM 19/81		(NOS) 21/81
	Delete	Purple dashed-line and legends "COLREGS DEMARCATION LINE 82.1705e (see note A)" joining	54°43'12"N 131°38'44"W 54°44'37"N 131°20'56"W 54°48'12"N 130°55'56"W
		Purple dashed-line between	54°46'49"N 130°48'03"W 54°47'12"N 130°45'00"W
		Legend "COLREGS DEMARCATION LINE 82.1705d (see note A)" and purple arrow	54°47'48"N 130°47'48"W
		Note: "COLREGS: International Regulations for Preventing Collisions at Sea, 1972. Demarcation lines are shown thus:-----"	55°11'48"N 130°54'06"W
	Add	COLREGS note from back of Section I	55°12'36"N 130°47'30"W
★17434	9Ed. 2/14/81 LAST NM 21/81		(NOS) 22/81
	Add	Chartlet from back of Section I	55°13'N 131°23'W
17434	9Ed. 2/14/81 LAST NM 22/81		(24/81 CG17) 29/81
	Add	Light "2" Fl 2½sec 5M	55°07'54"N 131°35'02"W
17434	9Ed. 2/14/81 LAST NM 29/81		(5/82 CG17) 11/82
	Delete	Buoy	55°10.8'N 131°42.3'W
17434	9Ed. 2/14/81 LAST NM 11/82		(10/82 CG17) 15/82
	Relocate	Buoy "2" close W to and change designation to "4"	55°08'48"N 131°39'36"W
17434	9Ed. 2/14/81 LAST NM 15/82		(23/82 CG17) 30/82
	Add	Buoy "4A", red, Fl R 6sec	55°20'23"N 131°38'54"W
★17434	9Ed. 2/14/81 LAST NM 30/82		(30/82 CG17) 36/82
	Change	Light Fl G 2½sec 35ft 5M and add designation "3"	55°07'57"N 131°37'57"W
		Designation of buoy "1" to "5"	55°09'33"N 131°37'48"W
		Buoys "4" to "5", black, Fl G 6sec "2" to "9", black, Fl G 4sec	55°08'18"N 131°34'20"W 55°09'29"N 131°35'02"W
	Add	Designation to lights "1" "4"	55°07'45"N 131°34'09"W 55°07'55"N 131°34'33"W
		Buoy "7", black can	55°08'33"N 131°33'49"W
		Obscured sector 324°-081° to light "11"	55°08'36"N 131°12'54"W
★17434	9Ed. 2/14/81 LAST NM 36/82		(38/82 CG17) 43/82
	Delete	Buoy	55°08'20"N 131°36'25"W
	Change	Light to Fl G 6sec 44ft 5M and add designation "3A"	55°06'50"N 131°42'19"W
		Designation of buoy "1" to "3"	55°06'45"N 131°41'45"W
		Buoy "4" to Fl R 2.5sec BELL	55°08'48"N 131°39'36"W

(continued on next page)

★17434	(Continued) Add	Light "GI" I Qk Fl R 3M	43/82 55°08'20.5"N 131°36'15.3"W
★17434	9Ed. 2/14/81 LAST NM 43/82 Change	Obscured sector of light "3" to 063°-189° (See 36/82-17434)	(39/82 CG17) 44/82 55°07'57"N 131°37'57"W
		Light to Fl R 4sec 20ft 4M and add designation "8"	55°15'28"N 131°35'57"W
		Characteristic of light to Fl G 2.5sec and add designation "9"	55°16'00"N 131°38'18"W
	Add	Designation "6" to light Bn "4", red (PA)	55°10'38.0"N 131°36'17.0"W 55°09'18.3"N 131°36'16.0"W
17434	9Ed. 2/14/81 LAST NM 44/82 Add	Light Fl R 2.5sec 3M	(41/82 CG17) 46/82 55°16'17.5"N 131°36'38.0"W
17434	9Ed. 2/14/81 LAST NM 46/82 Substitute	Depth 1¾ fathom "Wk" for submerged wreck	(NOS) 3/83 55°20'43"N 131°40'13"W
17434	9Ed. 2/14/81 LAST NM 3/83 Change	Period of light to 6sec (See 46/82-17434)	(52/82 CG17) 5/83 55°16'17.5"N 131°36'38.0"W
17434	9Ed. 2/14/81 LAST NM 5/83 Add	Wreck (PA)	(12/83 CG17) 20/83 55°20'15"N 131°38'14"W
17434	9Ed. 2/14/81 LAST NM 20/83 Change	Color of buoy to red and green bands (topmost band red)	(15/83 CG17) 21/83 55°18'07"N 131°34'35"W
	Add	Note "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	55°15'30"N 130°47'30"W
★17434	9Ed. 2/14/81 LAST NM 21/83 Add	Depth 1½ fathoms	(22/83 CG17) 27/83 55°05'18"N 131°00'20"W
17434	9Ed. 2/14/81 LAST NM 27/83 Add	Depth 2 fathoms	(NOS) 28/83 55°18'00"N 131°01'23"W
★17434	9Ed. 2/14/81 LAST NM 28/83 Delete	Designation "2" from light	(25/83 CG17) 30/83 54°48'12"N 130°55'57"W
★17434	9Ed. 2/14/81 LAST NM 30/83 Delete	Designation "9" from light	(30/83 CG17) 38/83 55°05'57"N 131°10'49"W
★17434	9Ed. 2/14/81 LAST NM 38/83 Delete	Designation "4" from light	(38/84 CG17) 44/84 54°55'32"N 130°58'30"W
17434	9Ed. 2/14/81 LAST NM 44/84 Relocate	Buoy "5" close SW to	(50/84 CG17) 3/85 55°08'16"N 131°34'24"W
17434	9Ed. 2/14/81 LAST NM 3/85 Change	Characteristic of buoy to Fl R(2+1)	(16/85 CG17) 20/85 55°18'06"N 131°34'36"W

			(39/85 CG17) 43/85
17434	9Ed. 2/14/81 LAST NM 20/85		
	Change	Color of buoys, each to green	55°06'45"N 131°41'44"W
		"3"	55°19'10"N 131°38'47"W
		"5"	
			(4/86 CG17) 9/86
17434	9Ed. 2/14/81 LAST NM 43/85		55°18'53"N 131°35'40"W
	Add	Light FR (Priv maintd)	
			(6/86 CG17) 10/86
17434	9Ed. 2/14/81 LAST NM 9/86		55°08'16"N 131°34'24"W
	Change	Color of buoy "5" to green	
			(7/86 CG17) 11/86
17434	9Ed. 2/14/81 LAST NM 10/86		55°08'33"N 131°33'49"W
	Change	Color of buoy "7" to green	
			(NOS) 14/86
17434	9Ed. 2/14/81 LAST NM 11/86		
	Add	Chartlets, depicting changes in aids to navigation from back of Section I	
		(A)	55°17'30"N 131°38'30"W
		(B)	55°08'30"N 131°38'30"W
			(12/86 CG17) 18/86
17434	9Ed. 2/14/81 LAST NM 14/86		55°16'17"N 131°36'37"W
	Change	Designation of light "10" to "WR"	
			(28/86 CG17) 32/86
17434	9Ed. 2/14/81 LAST NM 18/86		
	Change	Buoy "PR" to green and red bands (topmost band green) Fl(2+1) G 6s	55°20.3'N 131°40.0'W
			(31/86 CG17) 37/86
★17434	9Ed. 2/14/81 LAST NM 32/86		55°17'39"N 131°32'49"W
	Delete	Designation "18" from light	
			55°07'57"N 131°37'55"W
	Change	Light to Fl 4s 4M and delete designation "3" (See 14/86-17434)	
			(36/86 CG17) 40/86
17434	9Ed. 2/14/81 LAST NM 37/86		55°14.4'N 131°25.5'W
	Delete	Designation "14" from light	
			55°17.4'N 131°31.4'W
	Change	Designation of beacon to "CR"	
			(41/86 CG17) 45/86
★17434	9Ed. 2/14/81 LAST NM 40/86		55°15.5'N 131°36.0'W
	Change	Designations of light "8" to "BR"	55°09.3'N 131°36.3'W
		Bn "4" to "2"	55°08.8'N 131°39.6'W
		buoy "4" to "2"	55°06.7'N 131°41.7'W
		buoy "3" to "1"	
			(42/86 CG17) 46/86
★17434	9Ed. 2/14/81 LAST NM 45/86		55°08'37"N 131°12'54"W
	Change	Designation of light "11" to "TI"	
			(10/87 CG17) 16/87
★17434	9Ed. 2/14/81 LAST NM 46/86		
	Change	Color of buoys, each to green	55°09.5'N 131°37.8'W
		"5"	55°09.5'N 131°35.0'W
		"9"	55°18.9'N 131°36.1'W
		"3"	
			(17/87 CG17) 24/87
17434	9Ed. 2/14/81 LAST NM 16/87		55°10.7'N 131°16.9'W
	Change	Light to Fl 4s 23ft 6M	55°16.1'N 131°29.9'W
		Designation of light "15" to "SI"	
			(18/87 CG17) 25/87
★17434	9Ed. 2/14/81 LAST NM 24/87		55°10.6'N 131°36.3'W
	Change	Designation of light "6" to "4"	
			55°08.3'N 131°36.3'W
		Characteristic of light "GI" to Fl(2+1) R 6s	
			55°16.0'N 131°38.3'W
		Light to Fl 2.5s 37ft 5M (See 14/86-17434)	
			(11/88 CG17) 17/88
★17434	9Ed. 2/14/81 LAST NM 25/87		54°52'15"N 131°11'39"W
	Delete	Designation "3" from light	
			55°05'18"N 131°03'04"W
	Change	Lights to	
		Fl 4s 33ft 5M and delete designation "8"	55°01'27"N 131°03'29"W
		Fl 6s 55ft 6M and delete designation "6"	
			(19/88 CG17) 24/88
17434	9Ed. 2/14/81 LAST NM 17/88		55°15.5'N 131°36.0'W
	Substitute	Bn "BR", red for light "BR" (See 14/86-17434)	

17434	9Ed. 2/14/81 LAST NM 24/88		(25/88 CG17) 32/88
	Substitute	Bn "35", green for light (See 14/86-17434)	55°20'55"N 131°40'39"W
17434	9Ed. 2/14/81 LAST NM 32/88		(32/88 CG17) 42/88
	Change	Light to Fl 6s 5M	55°09'31"N 131°42'20"W
		Designation of buoy "5" to "1" (See 14/86-17434)	55°09'31"N 131°37'50"W
17434	9Ed. 2/14/81 LAST NM 42/88		(12/89 CG17) 17/89
	Substitute	Light "CR" Fl(2+1) R 6s 3M for beacon "CR"	55°17.4'N 131°31.4'W
★**17435**	14Ed. 1/1/83	NEW EDITION	(NOS) 8/83
★**17435**	14Ed. 1/1/83 LAST NM 8/83		(50/84 CG17) 3/85
	Reloc.te	Buoy "5" (55°08'18"N 131°34'20"W) to	55°08'15.7"N 131°34'23.5"W
★**17435**	14Ed. 1/1/83 LAST NM 3/85		(6/86 CG17) 10/86
		(Plan Port Chester)	
	Change	Color of buoy "5" to green	55°08'15.7"N 131°34'23.5"W
★**17435**	14Ed. 1/1/83 LAST NM 10/86		(7/86 CG17) 11/86
	Change	Color of buoy "7" to green	55°08'33"N 131°33'49"W
17435	14Ed. 1/1/83 LAST NM 11/86		(31/86 CG17) 37/86
		(Plan Port Chester)	
	Delete	Designation "3" from light and change characteristic to Fl 4s	55°07'57"N 131°37'55"W
17435	14Ed. 1/1/83 LAST NM 37/86		(41/86 CG17) 45/86
		(Plan Port Chester)	
	Change	Designations of buoy "4" to "2" Bn "4" to "2"	55°08'48"N 131°39'36"W 55°09'18"N 131°36'16"W
17435	14Ed. 1/1/83 LAST NM 45/86		(10/87 CG17) 16/87
		(Plan Port Chester)	
	Change	Color of buoys, each to green "5" "9"	 55°09'31"N 131°37'50"W 55°09'28"N 131°35'03"W
17435	14Ed. 1/1/83 LAST NM 16/87		(18/87 CG17) 25/87
		(Plan Port Chester)	
	Change	Designation of light "6" to "4"	55°10'38"N 131°36'16"W
		Characteristic of light "GI" to Fl(2+1) R 6s	55°08'20"N 131°36'15"W
17435	14Ed. 1/1/83 LAST NM 25/87		(32/88 CG17) 42/88
		(Plan Port Chester)	
	Change	Designation of buoy "5" to "1"	55°09'31"N 131°37'50"W
★**17435**	14Ed. 1/1/83 LAST NM 42/88		(BP137159-60) 19/89
		(Plan Mellakatla Harbor)	
	Delete	Depth 1 fathom 3 feet	55°07'45.8"N 131°34'57.4"W
	Change	Legends to "9 FT JAN 1989" " FT JAN 1989" "13 FT JAN 1989"	55°07'42.5"N 131°34'08.3"W 55°07'47.8"N 131°34'55.0"W 55°07'47.2"N 131°35'00.0"W
★**17436**	5Ed. 11/29/80	NEW EDITION	(NOS) 10/81
17436	5Ed. 11/29/80 LAST NM 10/81		(NOS) 21/81
	Add	Legend "NAVIGATION REGULATIONS 162.240 (see note A)"	55°26'50"N 131°50'50"W
★**17436**	5Ed. 11/29/80 LAST NM 21/81		(30/82 CG17) 36/82
	Add	Buoys, each spar (Priv maintd) "1", black "3", black "4", red	 55°26'01.9"N 132°19'59.4"W 55°26'10.8"N 132°20'20.7"W 55°26'18.2"N 132°20'15.0"W
17436	5Ed. 11/29/80 LAST NM 36/82		(28/83 CG17) 37/83
	Delete	Light	55°22.2'N 132°12.3'W
17436	5Ed. 11/29/80 LAST NM 37/83		(35/85 CG17) 40/85
	Change	Color of buoy "17" to green	55°25'50"N 131°50'21"W

★17436	5Ed. 11/29/80 LAST NM 40/85		(44, 45/85 CG17) 50/85
	Add	Buoys (mooring) (PA)	55°12'55"N 132°14'43"W
		(mooring)	55°10'48"N 131°48'30"W
17436	5Ed. 11/29/80 LAST NM 50/85		(14/86 CG17) 20/86
	Delete	Buoys "1"	55°26'01.9"N 132°19'59.4"W
		"3"	55°26'10.8"N 132°20'20.7"W
★17436	5Ed. 11/29/80 LAST NM 20/86		(34/87 CG17) 44/87
	Change	Height of light to 33ft	55°18'06"N 132°04'15"W
★17436	5Ed. 11/29/80 LAST NM 44/87		(38/87 CG17) 45/87
	Delete	Buoy "4"	55°26'18"N 132°20'15"W
17436	5Ed. 11/29/80 LAST NM 45/87		(35/88 CG17) 42/88
	Delete	Buoy "16"	55°26'11"N 131°48'47"W
	Add	Light "16" Fl R 2.5s 4M	55°26'15"N 131°48'47"W
★17437	6Ed. 6/16/79	NEW EDITION	(NOS) 37/79
★17437	6Ed. 6/16/79 LAST NM 37/79		(BP108454) 1/80
	Delete	Depths 34 fathoms	54°42'03"N 130°29'28"W
		43 fathoms	54°42'18"N 130°29'18"W
	Substitute	Depth 13 fathoms for 30 fathoms	54°42'26"N 130°29'37"W
	Add	Depths $\frac{3}{4}$ fathom in	54°42'19"N 130°29'15"W
		$1\frac{1}{4}$ fathoms	54°42'05"N 130°29'35"W
		Legend "Reef"	54°42'10"N 130°29'42"W
		Rock awash enclosed by danger circle	54°43'28"N 130°27'22"W
★17437	6Ed. 6/16/79 LAST NM 1/80		(CL1506/84) 52/84
	Add	Dangerous submerged rock (PA)	54°53'40"N 130°30'26"W
17437	6Ed. 6/16/79 LAST NM 52/84		(1/85 CG17) 7/85
	Add	Rock awash (PA)	54°57'56"N 130°38'55"W
★17438	10Ed. 5/31/86	NEW EDITION	(DMAHTC) 31/86
17438	10Ed. 5/31/86 LAST NM 31/86		(31(751)86 Ottawa) 42/86
	Relocate	Light close SE to	54°34'46"N 131°04'35"W
17438	10Ed. 5/31/86 LAST NM 42/86		(20(392)88 Ottawa; Can LL) 26/88
	Delete	R Bn at light	54°17.7'N 130°52.7'W
	Add	Racon at light	54°00.0'N 130°47.4'W
17438	10Ed. 5/31/86 LAST NM 26/88		(Can CH 3956, 3957) 43/88
	Delete	BELL from buoy "DAX"	54°14.2'N 130°33.9'W
	Substitute	Depths $8\frac{3}{4}$ fathoms for 14 fathoms	54°05.8'N 130°28.8'W
		$8\frac{3}{4}$ fathoms for 12 fathoms	54°14.2'N 130°26.2'W
		$1\frac{3}{4}$ fathoms Rk for $3\frac{3}{4}$ fathoms	54°14.6'N 130°24.5'W
		$3\frac{1}{2}$ fathoms for 6 fathoms	54°12.5'N 130°22.8'W
		8 fathoms for 11 fathoms	54°16.1'N 130°27.2'W
		4 fathoms Rk for 12 fathoms	54°17.7'N 130°29.6'W
		6 fathoms Rk for 9 fathoms	54°16.4'N 130°28.0'W
		$4\frac{1}{2}$ fathoms Rk for 9 fathoms	54°18.0'N 130°29.2'W
	Add	Depth $8\frac{1}{2}$ fathoms Rk	54°13.9'N 130°25.9'W
★17441	6Ed. 2/16/85	NEW EDITION	(DMAHTC) 18/85
	Add	Buoys "D40", R, conical	54°13'12"N 130°20'20"W
		"D42", R, spar	54°14'14"N 130°20'18"W
		(Previously published 16/85)	
17441	6Ed. 2/16/85 LAST NM 18/85		(29(695)86 Ottawa) 34/86
	Relocate	Buoy close SE to	54°03'48"N 130°16'35"W
17441	6Ed. 2/16/85 LAST NM 34/86		(Can CH 3956, 3957) 43/88
	Delete	BELL from buoy "DAX"	54°14.2'N 130°33.8'W
		Depths 9 fathoms	54°14.5'N 130°24.3'W
		5 fathoms	54°14.7'N 130°24.3'W

(continued on next page)

17441 (Continued)
Substitute — Depths — 43/88

8 fathoms 5 feet for 14 fathoms	54°05.7'N 130°28.8'W
6 fathoms 3 feet for 16 fathoms	54°11.3'N 130°33.2'W
8 fathoms 5 feet for 15 fathoms	54°14.1'N 130°26.3'W
1 fathom 5 feet Rk for	
3 fathoms 4 feet	54°14.6'N 130°24.5'W
3 fathoms 4 feet for 6 fathoms	54°12.6'N 130°22.8'W
8 fathoms for 13 fathoms	54°16.2'N 130°27.2'W
4 fathoms 2 feet Rk for	
12 fathoms	54°17.7'N 130°29.6'W

Add — Depths 8 fathoms 4 feet Rk — 54°14.0'N 130°25.9'W
6 fathoms Rk — 54°16.4'N 130°28.0'W
4 fathoms 4 feet Rk — 54°18.0'N 130°29.2'W

17441 6Ed. 2/16/85 LAST NM 43/88
Change — Color of buoy to green — (46(893)88 Ottawa) 2/89 — 53°47'51"N 130°26'11"W

17441 6Ed. 2/16/85 LAST NM 2/89
Add — Lights Q 22ft — (49(955, 956)88 Ottawa) 7/89
Fl(3) 12s 19ft — 54°03'46"N 130°14'35"W
54°05'01"N 130°15'04"W

★17442 10Ed. 11/17/84 — NEW EDITION — (DMAHTC; Can LL; 35(815)84 Ottawa) 4/85
Change — Period of light to 6s — 54°12'47"N 130°33'27"W
Add — Racon to buoy "DAX" — 54°14'10"N 130°33'57"W

17442 10Ed. 11/17/84 LAST NM 4/85
Change — Buoys, each to preferred channel buoys: — (37(863)84 Ottawa) 6/85

"DA", RGR, spar	54°06'50"N 130°29'48"W
"DC", RGR, spar	54°11'40"N 130°16'13"W
"DH", GRG, can	54°12'27"N 130°22'37"W
"DE", RGR, spar	54°17'37"N 130°21'30"W
"DJ", GRG, can	54°20'03"N 130°26'42"W

17442 10Ed. 11/17/84 LAST NM 6/85
Delete — Buoy — (27(618)84 Ottawa) 13/85 — 54°19'55"N 130°27'34"W
Add — Buoy "D63", G, Fl G — 54°19'54.5"N 130°27'40.0"W

17442 10Ed. 11/17/84 LAST NM 13/85
Delete — Fog signal from light — (3(92), 4(115)85 Ottawa) 16/85 — 54°17'48.9"N 130°21'06.3"W
Add — Buoys "D40", R, conical — 54°13'12"N 130°20'20"W
"D42", R, spar — 54°14'14"N 130°20'18"W

17442 10Ed. 11/17/84 LAST NM 16/85
Relocate — Buoy close SE to — (29(695)86 Ottawa) 34/86
and add BELL — 54°03'48"N 130°16'35"W

17442 10Ed. 11/17/84 LAST NM 34/86
Change — Characteristic of light to 2 Fl Y — (32(781)86 Ottawa) 40/86 — 54°17'24"N 130°22'57"W

17442 10Ed. 11/17/84 LAST NM 40/86
Relocate — Anchoring berth "E" close NE to — (41(1027)86 Ottawa) 16/87 — 54°20'28"N 130°17'10"W

17442 10Ed. 11/17/84 LAST NM 16/87
Delete — Light — (14(272)88 Ottawa) 25/88 — 54°19'23"N 130°24'38"W

17442 10Ed. 11/17/84 LAST NM 25/88
Delete — BELL from buoy "DAX" — (Can LL) 43/88 — 54°14'12"N 130°33'57"W

17442 10Ed. 11/17/84 LAST NM 43/88
Add — Lights Q 22ft — (49(955, 956)88 Ottawa) 7/89
Fl(3) 12s 19ft — 54°03'50"N 130°14'37"W
54°05'03"N 130°15'07"W

★17443 11Ed. 11/21/87 — NEW EDITION — (DMAHTC) 9/88

17443 11Ed. 11/21/87 LAST NM 9/88
Relocate — Buoy "D18" close SE to — (2(66)88 Ottawa) 20/88 — 54°09'52"N 130°19'06"W

17443 11Ed. 11/21/87 LAST NM 20/88
Delete — Light — (50(982)88 Ottawa) 7/89 — 54°18'07"N 130°21'01"W

★17444 4Ed. 2/7/87 — NEW EDITION — (DMAHTC) 16/87

17444	4Ed. 2/7/87 LAST NM 16/87 (Plan C)		(14(272)88 Ottawa) 25/88
	Delete	Light	54°19'23"N 130°24'38"W
	Add	Buoy "D68" R, conical	54°19'24"N 130°24'37"W
r17446	Ed. 4/26/85	NEW EDITION	(DMAHTC) N42/86
r17460	Ed. 12/9/88	NEW EDITION	(DMAHTC) N25/89
r17464	3Ed. 7/26/80	NEW EDITION	(DMAHTC) 39/80
17464	3Ed. 7/26/80 LAST NM 39/80		(34(744)80 Ottawa) 43/80
	Add	Legend "Magnetic anomaly reported"	52°46'24"N 129°08'30"W
17464	3Ed. 7/26/80 LAST NM 43/80		(29(587)81 Ottawa) 36/81
	Delete	Depth 11 fathoms	53°03'50"N 129°35'01"W
	Add	Danger circle "Reef (rep 1981)"	53°03'48"N 129°35'02"W
17464	3Ed. 7/26/80 LAST NM 36/81		(48(1151)85 Ottawa) 4/86
	Substitute	Rock "uncov 4ft" for danger circle "Rep 1981"	53°03'48"N 129°35'02"W
17464	3Ed. 7/26/80 LAST NM 4/86		(Can CH 3724) 12/86
	Substitute	Depth $5\frac{3}{4}$ fathoms enclosed by depth contour (6 fathoms) for $7\frac{1}{2}$ fathoms	52°46'19"N 129°06'17"W
	Add	Depths	
		7 fathoms enclosed by depth contour (10-fathoms)	52°51'16"N 129°08'16"W
		$4\frac{3}{4}$ fathoms enclosed by depth contour (5-fathoms)	52°46'04"N 129°09'25"W
		$3\frac{1}{4}$ fathoms enclosed by depth contour (5-fathoms)	52°47'36"N 129°11'23"W
		Caution note "CAUTION Recent surveys have determined that shoaler depths than charted exist in Laredo Sound and Laredo Channel."	52°45'18"N 129°12'06"W
17464	3Ed. 7/26/80 LAST NM 12/86		(48(1224)86 Ottawa) 52/86
	Delete	Buoy (mooring)	53°03'40"N 129°35'49"W
17464	3Ed. 7/26/80 LAST NM 52/86		(5(103)87 Ottawa) 11/87
	Delete	Depth 15 fathoms	52°56'38"N 129°36'24"W
	Add	Submerged rock	52°56'34"N 129°36'26"W 52°56'39"N 129°36'27"W
17464	3Ed. 7/26/80 LAST NM 11/87		(47(927)87 Ottawa) 7/88
	Delete	Depth 13 fathoms	53°49'02"N 129°17'37"W
	Add	Rock "Uncov 3 feet" (PA)	53°49'00"N 129°17'37"W
17464	3Ed. 7/26/80 LAST NM 7/88		(47(927)87 Ottawa) 19/88
	Delete	Depth 13 fathoms (Cancels 7/88-17464)	52°49'02"N 129°17'37"W
	Add	Rock "Uncov 3 feet" (PA)	52°49'00"N 129°17'37"W
17464	3Ed. 7/26/80 LAST NM 19/88		(51(992)88 Ottawa) 7/89
	Add	Light Fl	53°02'09"N 129°28'34"W
r17465	3Ed. 6/16/84	NEW EDITION	(DMAHTC) 36/84
17465	3Ed. 6/16/84 LAST NM 36/84		(48(1151)85 Ottawa) 4/86
	Substitute	Rock "uncov 4ft" for rock awash "Rep 1981"	53°03'46"N 129°35'02"W
17465	3Ed. 6/16/84 LAST NM 4/86		(48(1224)86 Ottawa) 52/86
	Delete	Buoy (mooring)	53°03'43"N 129°35'48"W
17465	3Ed. 6/16/84 LAST NM 52/86		(24(414)87 Ottawa) 32/87
	Add	Buoy (mooring)	53°21'42"N 128°51'41"W

★17467 2Ed. 5/10/80 NEW EDITION (DMAHTC) 28/80
Change Legend "ANNUAL CHANGE 8°E" to "ANNUAL CHANGE 8°W"

17467 2Ed. 5/10/80 LAST NM 28/80 53°57.5'N 128°50.0'W
Add Chartlet, depicting changes in hydrography, topography and aids to navigation, back of Section I (Can CH 3736) 41/85

54°00'N 128°41'W

★17468 Ed. 5/20/77 CHART REPLACED ON ISSUE (DMAHTC) N9/84
(Distribution Limited, Not for Sale)
Note: Previous DMAHTC version, canceled in NM 31/82, now replaced by Canadian version (Can. chart 3740) with edition date May 20, 1977, reprinted March 11, 1983

17468 Ed. 5/20/77 LAST NM 9/84 (18(327)87 Ottawa) N29/87
Delete Light 53°09'39"N 128°41'34"W

17468 Ed. 5/20/77 LAST NM 29/87 (24(414)87 Ottawa) N32/87
Add Buoy (mooring) 53°21'42"N 128°51'41"W

★17469 Ed. 2/3/84 NEW EDITION (DMAHTC) N12/85

★17470 Ed. 2/4/83 NEW CHART (DMAHTC) N49/83
Add Legend "(Correct through NM N49/83)" in lower left margin of chart

17470 Ed. 2/4/83 LAST NM 49/83 (47(1111)83 Ottawa) N6/84
Change (And Inset) Buoy to preferred channel buoy: "EH", RGR, Fl(2+1) R

52°52'08.5"N 128°29'14.5"W

★17471 Ed. 7/9/76 CHART REPLACED ON ISSUE (DMAHTC) N49/83
(Previous edition canceled N31/82)
Add Legend "(Correct through NM N49/83)" in lower left margin of chart

17471 Ed. 7/9/76 LAST NM 49/83 (4(90)89 Ottawa) N15/89
Change Red sector of light to 336°-089° 52°38'36"N 128°31'21"W

★17472 3Ed. 1/2/82 NEW EDITION (DMAHTC; Can LL) 8/82
Add BELL to buoy "EJ" 52°40'00"N 128°57'55"W

17472 3Ed. 1/2/82 LAST NM 8/82 (52(1125)82 Ottawa) 5/83
Add Designation to buoys "E64" 52°27'17"N 128°49'24"W
"E63" 52°24'14"N 128°53'28"W

17472 3Ed. 1/2/82 LAST NM 5/83 (11(260)83 Ottawa) 20/83
Change Period of light to 3s 52°15'42"N 128°43'13"W

17472 3Ed. 1/2/82 LAST NM 20/83 (NVS6892/83) 25/83
Delete Buoy "EK" 52°40'19"N 128°58'54"W

Change Buoy "EJ", to green, Fl G Bell Ra Ref and designation to "E75" 52°40'07"N 128°57'53"W

Add Buoy "E77", green can, Ra Ref 52°40'20"N 128°58'42"W

Note
"CHANGES IN BUOYAGE
Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region B. For further explanation, see annual NM 1(6) and Chart No. 1."

52°31'30"N 128°59'00"W

17472	3Ed. 1/2/82 LAST NM 25/83		(28(651)83 Ottawa) 46/83
	Change	Period of light to 5s (Supersedes 20/83-17472)	52°15′42″N 128°43′13″W
★17472	3Ed. 1/2/82 LAST NM 46/83		(DMAHTC) 32/84
	Change	DMA Stock No. to 17XCO17472 in lower right margin of chart Note: Applicable to certain copies of this chart only	
17472	3Ed. 1/2/82 LAST NM 32/84		(52(1017)88 Ottawa) 9/89
	Change	Color of buoy "E63" to G and add WHIS	52°24′14″N 128°53′28″W
	Add	WHIS to buoy "E64"	52°27′17″N 128°49′24″W
		BELL to buoy "E75"	52°40′07″N 128°57′53″W
★17479	3Ed. 1/16/88	NEW EDITION	(DMAHTC) 18/88
17480	3Ed. 1/16/88 LAST NM 18/88		(20(386, 387)88 Ottawa) 26/88
	Delete	RC at lights	53°29.5′N 130°37.9′W 50°53.7′N 127°55.5′W
17480	3Ed. 1/16/88 LAST NM 26/88		(41(796)88 Ottawa) 50/88
	Change	Height of light to 57ft	52°12.5′N 130°57.9′W
★17482	Ed. 2/5/82	NEW EDITION	(DMAHTC) N18/86
	Delete	Depth 26 fathoms, gravel (Previously published 15/86)	52°17′33″N 128°27′47″W
	Add	Depth 13 fathoms Rk (Previously published 15/86)	52°17′32.2″N 128°27′47.4″W
17482	Ed. 2/5/82 LAST NM 18/86		(47(923)87 Ottawa) N7/88
	Substitute	Depth 1½ fathoms Rk for 23 fathoms	52°09′45″N 128°19′43″W
17482	Ed. 2/5/82 LAST NM 7/88		(52(1017)88 Ottawa) N9/89
	Change	Color of buoy "E63" to G and add WHIS	52°24′12″N 128°53′17″W
	Add	WHIS to buoy "E64"	52°27′17″N 128°49′24″W
★17483	Ed. 7/29/77	NEW CHART	(DMAHTC) N49/83
	Add	Legend "(Correct through NM N49/83)" in lower left margin of chart	
17483	Ed. 7/29/77 LAST NM 49/83		(49(1139)83 Ottawa) N7/84
	Delete	Depth 8 fathoms 3 feet	52°09′33″N 128°05′16″W
	Add	Depth 5 fathoms 1 foot	52°09′32.8″N 128°05′13.5″W
17483	Ed. 7/29/77 LAST NM 7/84		(47(923)87 Ottawa) N7/88
	Add	Depth 1 fathom 3 feet Rk	52°09′45″N 128°19′43″W
17483	Ed. 7/29/77 LAST NM 7/88		(41(796)87 Ottawa) N19/88
	Delete	Lights	52°09′19″N 128°07′13″W 52°09′21″N 128°07′09″W 52°09′48″N 128°08′24″W
	Relocate	Buoy close NE to	52°10′24″N 128°08′15″W
	Add	Rock awash	52°10′22″N 128°08′14″W
★17484	2Ed. 5/24/80	NEW EDITION	(DMAHTC) 29/80
17484	2Ed. 5/24/80 LAST NM 29/80		(32(678, 682)80 Ottawa) 38/80
	Add	Light F (Priv maintd) Note from back of Section I	52°09′49″N 128°08′28″W 52°17′12″N 127°47′12″W
17484	2Ed. 5/24/80 LAST NM 38/80		(26(525)81 Ottawa; US CH 17485) 31/81
	Delete	Buoy	52°09′11″N 128°04′56″W
	Add	Buoys (mooring), black and orange bands	52°09′52.5″N 128°08′22.0″W 52°09′40.5″N 128°08′24.0″W

SUBREGION 17

17484	2Ed. 5/24/80 LAST NM 31/81		
	Add	Designation "E33" to buoy	(48(1057)82 Ottawa) 2/83 52°13′05″N 128°09′20″W
17484	2Ed. 5/24/80 LAST NM 2/83		
	Change	Color of buoys to green	(NVS6892/83) 21/83 52°10′23″N 128°08′20″W 52°09′40″N 128°08′29″W
	Add	Note "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region B. For further explanation, see annual NM 1(6) and Chart No. 1."	
17484	2Ed. 5/24/80 LAST NM 21/83		52°17.0′N 127°50.5′W
	Delete	Depths 7 fathoms 4¼ fathoms	(33(786)83 Ottawa) 53/83 52°14′00″N 128°19′01″W 52°14′46″N 128°13′27″W
	Add	Depth ¾ fathom	52°13′59″N 128°18′52″W
		Rocks which cover and uncover 3 feet 1 foot	52°14′00″N 128°18′55″W 52°14′45″N 128°13′26″W
17484	2Ed. 5/24/80 LAST NM 53/83		
	Add	Depth 4¼ fathoms	(39(928)83 Ottawa) 4/84 52°17′39″N 127°45′47″W
17484	2Ed. 5/24/80 LAST NM 4/84		
	Relocate	Light close S to	(34(784)84 Ottawa) 4/85 52°10′55″N 128°03′40″W
17484	2Ed. 5/24/80 LAST NM 4/85		
	Add	Rock awash "Rep (1986)" (PA)	(48(1220)86 Ottawa) 52/86 52°09′57″N 127°54′12″W
17484	2Ed. 5/24/80 LAST NM 52/86		
	Change	Color of beacon to G	(13(216)87 Ottawa) 27/87 52°11′14″N 127°52′59″W
17484	2Ed. 5/24/80 LAST NM 27/87		
	Change	Color of beacon to red	(31(593)87 Ottawa) 4/88 52°10′20″N 128°00′28″W
17484	2Ed. 5/24/80 LAST NM 4/88		
	Delete	Lights	(41(794, 796)87 Ottawa) 19/88 52°09′22″N 128°07′12″W 52°09′20″N 128°07′17″W 52°09′49″N 128°08′28″W
		Rock awash "Rep (1986)" (PA)	52°09′57″N 127°54′12″W
	Relocate	Buoy close NE to	52°10′24″N 128°08′16″W
	Add	Rock awash	52°10′23″N 128°08′15″W 52°09′57″N 127°54′15″W
		Submarine cable between	52°11′24″N 127°53′35″W 52°12′00″N 127°52′54″W
★**17485**	3Ed. 3/29/86	NEW EDITION	
	Change	Buoy to GRG, can	(DMAHTC; Can CH 3785) 25/86 52°03′25″N 127°56′23″W
17485	3Ed. 3/29/86 LAST NM 25/86		
	Add	Rock awash "Rep (1986)" (PA)	(48(1220)86 Ottawa) 52/86 52°09′57″N 127°54′12″W
17485	3Ed. 3/29/86 LAST NM 52/86		
	Add	Bn, G	(13(216)87 Ottawa) 27/87 52°11′12″N 127°52′56″W
17485	3Ed. 3/29/86 LAST NM 27/87		
	Change	Color of beacon to red	(31(593)87 Ottawa) 4/88 52°10′19″N 128°00′27″W
17485	3Ed. 3/29/86 LAST NM 4/88		
	Delete	Lights	(41(794, 796)87 Ottawa) 19/88 52°09′19″N 128°07′13″W 52°09′21″N 128°07′06″W 52°09′48″N 128°08′24″W
		Rock awash "Rep (1986)" (PA)	52°09′57″N 127°54′12″W
	Relocate	Buoy close NE to	52°10′24″N 128°08′15″W
	Add	Rock awash	52°10′23″N 128°08′14″W 52°09′58″N 127°54′11″W

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17485	(Continued)		19/88
	Add	Submarine cable between	52°11′23″N 127°53′32″W 52°11′58″N 127°52′51″W
★17486	2Ed. 6/10/78	NEW EDITION	(DMAHC) 29/78
17486	2Ed. 6/10/78 LAST NM 29/78		(7(184)79 Ottawa) 19/79
	Change	Characteristic of lights to Gp Fl (3) 12sec	51°22.1′N 127°48.4′W
17486	2Ed. 6/10/78 LAST NM 19/79		(34(783)79 Ottawa) 40/79
	Delete	Depth 4½ fathoms	51°49′45″N 128°11′02″W
	Add	Dangerous submerged rock	51°49′44.5″N 128°11′01.8″W
17486	2Ed. 6/10/78 LAST NM 40/79		(41(852)81 Ottawa) 46/81
	Relocate	Light close W to	51°41′37″N 128°07′08″W
17486	2Ed. 6/10/78 LAST NM 46/81		(NVS6892/83) 3/84
	Add	Note in lower left margin of chart "BUOYAGE IALA Buoyage System (Region B) is in effect in the area covered by this chart. See Chart No. 1."	
★17486	2Ed. 6/10/78 LAST NM 3/84		(DMAHTC) 32/84
	Change	DMA Stock No. to 17XCO17486 in lower right margin of chart Note: Applicable to certain copies of this chart only	
17486	2Ed. 6/10/78 LAST NM 32/84		(Can CH 3727) 34/84
	Delete	Dangerous wreck	51°20.78′N 127°51.82′W
	Substitute	Wreck for depth 50 fathoms	51°20.68′N 127°51.81′W
17486	2Ed. 6/10/78 LAST NM 34/84		(8(251)85 Ottawa) 17/85
	Add	Depth ¾ fathom Rk	51°35′01.5″N 127°48′13.4″W
★17487	2Ed. 12/1/84	NEW EDITION	(DMAHTC) 7/85
★17489	17Ed. 12/17/77	NEW EDITION	(DMAHC) 5/78
17489	17Ed. 12/17/77 LAST NM 5/78		(2(54)79 Ottawa) 7/79
	Add	Ra Ref to buoy	51°19′09″N 127°43′42″W
17489	17Ed. 12/17/77 LAST NM 7/79		(6(154)79 Ottawa) 15/79
	Change	Light to FW Fl R 10sec 93ft 12M HORN R Bn Note: Visible sector unchanged	50°58′33″N 127°43′35″W
17489	17Ed. 12/17/77 LAST NM 15/79		(7(184)79 Ottawa) 19/79
	Change	Characteristic of light to Gp Fl (3) 12sec	51°22.0′N 127°48.4′W
17489	17Ed. 12/17/77 LAST NM 19/79		(23(545)82 Ottawa) 32/82
	Delete	Buoy	50°47′00″N 128°24′46″W
17489	17Ed. 12/17/77 LAST NM 32/82		(18(430)82 Ottawa) 19/84
	Add	Note in lower left margin of chart "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region B. For further explanation, see annual NM 1(6) and Chart No. 1."	
17489	17Ed. 12/17/77 LAST NM 19/84		(Can CH 3727) 34/84
	Delete	Wreck	51°20.77′N 127°51.80′W
	Substitute	Wreck for depth 50 fathoms	51°20.69′N 127°51.81′W
17489	17Ed. 12/17/77 LAST NM 34/84		(47(1137)84 Ottawa) 12/85
	Delete	Visible sector from light	50°58′33″N 127°43′35″W

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17489	17Ed. 12/17/77 LAST NM 12/85		
	Relocate	Light and R Bn close SE to	(19(518)85 Ottawa) 23/85 51°14'54.3"N 127°49'55.7"W
★17489	17Ed. 12/17/77 LAST NM 23/85		
	Delete	Purple outline of chart 17490	(DMAHTC; Can LL) 6/86
		Legend "CONTINUED ON 17488"	51°17.0'N 127°51.0'W
		Visibility (range) 11M from light	51°25.0'N 127°43.7'W 51°25.8'N 127°53.1'W
	Change	Light to FW 92ft 12M, Fl R R Bn HORN	
		Light to Fl(3) 12s 68ft	50°58'35"N 127°43'36"W
		Visibility (range) of light to 6M	51°22'01"N 127°48'24"W
		Height of light to 49ft	51°09'50"N 127°47'09"W
		Color of buoy to RW	50°53'42"N 127°55'41"W 50°54'04"N 128°02'30"W
	Add	Visibility (range) 11M to light	50°54'17"N 127°58'59"W
17489	17Ed. 12/17/77 LAST NM 6/86		
	Delete	R Bn at light	(20(386)88 Ottawa) 26/88 50°53'42"N 127°55'36"W
★17491	2Ed. 11/10/84	NEW EDITION	(DMAHTC) 4/85
★17492	Ed. 9/13/68	NEW EDITION	(DMAHTC) N35/83
17492	Ed. 9/13/68 LAST NM 35/83		
	Delete	Visible sector of light	(47(1137)84 Ottawa) N12/85 50°58'33"N 127°43'35"W
17492	Ed. 9/13/68 LAST NM 12/85		
	Change	Light to F Fl 5s 83ft 15M	(6(176)85 Ottawa) N16/85
		Fog Sig 30s	50°51'38"N 127°36'40"W
17492	Ed. 9/13/68 LAST NM 16/85		
	Add	Buoy "N35", G, QG	(23(600)85 Ottawa) N27/85 50°54'26"N 127°40'39"W
17492	Ed. 9/13/68 LAST NM 27/85		
	Delete	(And Plan)	(30(753)85 Ottawa) N35/85
		Position dot (2 dots on plan)	51°54'50"N 127°55'48"W
		Floating berth in vicinity	51°54'49"N 127°55'48"W
	Delete	(Plan)	
		Legends "PO...Store", "Standard...Tanks" and "Floats" in vicinity	
	Add	Lifesaving station symbol	50°54'51"N 127°55'42"W
17492	Ed. 9/13/68 LAST NM 35/85		50°54'53.0"N 127°55'54.5"W
	Relocate	Light (Fl R) close NW to	(8(196)86 Ottawa) N15/86 50°53'45.2"N 127°55'41.0"W
	Relocate	(Plan) Light close NW to R Bn close NE	50°53'45.2"N 127°55'41.0"W 50°53'45.7"N 127°55'39.7"W
17492	Ed. 9/13/68 LAST NM 15/86		
	Relocate	Buoy "N35" close SE to	(34(823)86 Ottawa) N40/86 50°54'19"N 127°40'37"W
17492	Ed. 9/13/68 LAST NM 40/86		
	Add	Depth 1 fathom 4 feet	(21(363)87 Ottawa) N29/87 50°53'55"N 127°56'34"W
17492	Ed. 9/13/68 LAST NM 29/87		
	Delete	(And Plan) RC at light	(20(386)88 Ottawa) N26/88
			50°53'46"N 127°55'40"W
★17495	1Ed. 5/4/85	NEW CHART	(DMAHTC) 32/85
17495	1Ed. 5/4/85 LAST NM 32/85		
	Delete	R Bn at light	(20(386)88 Ottawa) 26/88 50°53.7'N 127°55.6'W
★17503	2Ed. 11/24/84	NEW EDITION	(DMAHTC) 4/85
17503	2Ed. 11/24/84 LAST NM 4/85		
	Change	Characteristic of lights to Fl Y	(48(1163)84 Ottawa) 12/85 50°01'44.9"N 125°14'27.3"W 50°01'45.6"N 125°14'11.4"W 50°01'50.1"N 125°14'11.0"W
17503	2Ed. 11/24/84 LAST NM 12/85		(11(331)85 Ottawa) 18/85
	Delete	Light	50°01'44.9"N 125°14'27.3"W

17503	2Ed. 11/24/84 LAST NM 18/85		(21(559)85 Ottawa) 28/85
	Add	(Plan A) Chartlet, depicting changes in hydrography and aids to navigation, from back of Section I	50°05'06"N 125°18'00"W
17503	2Ed. 11/24/84 LAST NM 28/85		(21(559)85 Ottawa) 31/85
	Add	(Plan A) Chartlet, depicting changes in hydrography and aids to navigation, from back of Section I (Cancels 28/85-17503)	50°05'06"N 125°18'00"W
17503	2Ed. 11/24/84 LAST NM 31/85		(41(983)85 Ottawa) 46/85
	Add	Buoy "N1", G, QG	50°01'04"N 125°13'00"W
17503	2Ed. 11/24/84 LAST NM 46/85		(11(256)86 Ottawa) 19/86
	Delete	Buoy "N1" (Supersedes 46/85-17503)	50°01'04"N 125°13'00"W
17503	2Ed. 11/24/84 LAST NM 19/86		(4(86)87 Ottawa) 10/87
	Change	Light to FWR, Fl WR 5s 18m 17M HORN and add sectors white 316°-134°, red-149°30' white-151°	49°59'56"N 125°11'38"W
17503	2Ed. 11/24/84 LAST NM 10/87		(38(733)87 Ottawa) 16/88
	Change	Characteristic of range lights, front to QY rear to QY	50°02'53"N 125°15'26"W 50°02'52"N 125°15'27"W
17503	2Ed. 11/24/84 LAST NM 16/88		(19(359, 365)88 Ottawa) 29/88
	Change	Lights to QY	50°01'50"N 125°14'11"W 50°01'46"N 125°14'11"W
	Add	Bn, R	50°01'46"N 125°14'18"W
17503	2Ed. 11/24/84 LAST NM 29/88		(28(529, 530)88 Ottawa) 40/88
	Add	Submarine pipeline between	50°01'08.6"N 125°11'47.1"W 50°01'08.6"N 125°11'51.4"W
		between	50°03'23.4"N 125°15'46.1"W 50°03'28.9"N 125°15'39.6"W
17503	2Ed. 11/24/84 LAST NM 40/88		(35(666)88 Ottawa) 45/88
	Delete	Bn (See 29/88-17503)	50°01'46"N 125°14'18"W
17503	2Ed. 11/24/84 LAST NM 45/88		(50(971)88 Ottawa) 7/89
	Add	Chartlet, depicting changes in hydrography, topography and aids to navigation, from back of Section I	50°01'30"N 125°14'06"W
17504	Ed. 2/28/58 LAST NM 42/74		(32(730)75 Ottawa) N39/75
	Add	Light Fl G 4sec 19ft	50°51'28"N 127°33'52"W
17504	Ed. 2/28/58 LAST NM 39/75		(37(831)75 Ottawa) N42/75
	Change	Height of light to 22ft (See N39/75-17504)	50°51'28"N 127°33'52"W
17504	Ed. 2/28/58 LAST NM 42/75		(33(629)76 Ottawa) N37/76
	Add	Buoy "N32", red, Qk Fl R Ra Ref	50°51'37"N 127°31'04"W
17504	Ed. 2/28/58 LAST NM 37/76		(17(322)77 Ottawa) N24/77
	Change	Legend "Bn 12ft" to "Bn RB"	50°42'42"N 127°24'42"W
17504	Ed. 2/28/58 LAST NM 24/77		(50(931)77 Ottawa) N5/78
	Change	Height of light to 39ft	50°43'55"N 127°21'50"W
17504	Ed. 2/28/58 LAST NM 5/78		(2(59)79 Ottawa; Can LL) N7/79
	Change	Visibility (range) of light to 13M and characteristic of fog signal to (3) 60sec	50°37'51"N 127°09'12"W

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17504 Ed. 2/28/58 LAST NM 7/79 (6(154)79 Ottawa) N15/79
Change — Light to FW Fl R 10sec 93ft 12M
Fog Sig (2) 60sec RC — 50°58'33"N 127°43'35"W
Note: Visible sector unchanged

17504 Ed. 2/28/58 LAST NM 15/79 (22(484)80 Ottawa) N27/80
Change — Characteristic of light to Fl R 2sec — 50°55'17"N 127°24'45"W

17504 Ed. 2/28/58 LAST NM 27/80 (27(579)80 Ottawa) N33/80
Add — Buoy "N31", black, Fl G WHISTLE
Ra Ref — 50°57'23"N 127°29'58"W

17504 Ed. 2/28/58 LAST NM 33/80 (41(883)80 Ottawa) N47/80
Change — Light to Fl 4sec 50ft 5M — 50°50'32"N 127°31'20"W

17504 Ed. 2/28/58 LAST NM 47/80 (45(957)80 Ottawa) N52/80
Change — Height of light to 43 feet — 51°00'02"N 127°33'45"W

17504 Ed. 2/28/58 LAST NM 52/80 (7(187)82 Ottawa) N14/82
Add — Buoy "N33", black, Qk Fl G WHIS
Ra Ref — 51°01'36"N 127°37'32"W

17504 Ed. 2/28/58 LAST NM 14/82 (15(324)83 Ottawa) N25/83
Add — Note in lower left margin of chart
"WARNING
Mariners may find port hand buoys painted black or green and fairway buoys painted black and white or red and white. In both cases, either presentation is to be interpreted as having the same navigational significance."

17504 Ed. 2/28/58 LAST NM 25/83 (47(1137)84 Ottawa) N12/85
Delete — Visible sector from light — 50°58'33"N 127°43'35"W

17504 Ed. 2/28/58 LAST NM 12/85 (51(1238)84 Ottawa) N14/85
Change — Light to Fl R 4s 32ft 8M — 50°55'17"N 127°24'45"W

17504 Ed. 2/28/58 LAST NM 14/85 (6(176)85 Ottawa) N16/85
Change — Light to F Fl 5s 83ft 15M
Fog Sig 30s — 50°51'38"N 127°36'40"W

17504 Ed. 2/28/58 LAST NM 16/85 (19(518)85 Ottawa) N23/85
Relocate — Light and R Bn close SE to — 51°14'54.3"N 127°49'55.7"W

17504 Ed. 2/28/58 LAST NM 23/85 (23(600)85 Ottawa) N27/85
Add — Buoy "N35", G, QG — 50°54'26"N 127°40'39"W

17504 Ed. 2/28/58 LAST NM 27/85 (38(913)85 Ottawa) N44/85
Change — Characteristic of light to Fl 4s
(See N14/85-17504) — 50°55'17"N 127°24'45"W

17504 Ed. 2/28/58 LAST NM 44/85 (34(823)86 Ottawa) N40/86
Relocate — Buoy "N35" close SE to — 50°54'19"N 127°40'37"W

17504 Ed. 2/28/58 LAST NM 40/86 (8(156)87 Ottawa) N12/87
Add — Legend "Chart 3552" — 51°08'12"N 127°23'54"W
51°05'00"N 127°26'24"W

17504 Ed. 2/28/58 LAST NM 12/87 (50(976)88 Ottawa) N7/89
Change — Height of light to 41ft — 51°03'30"N 127°37'48"W

17505 Ed. 9/23/60 LAST NM 42/74 (32(730)75 Ottawa) N39/75
Add — Light Fl G 4sec 19ft — 50°51'28"N 127°33'52"W

17505 Ed. 9/23/60 LAST NM 39/75 (37(831)75 Ottawa) N42/75
Change — Height of light to 22ft
(See N39/75-17505) — 50°51'28"N 127°33'52.5"W

17505 Ed. 9/23/60 LAST NM 42/75 (33(629)76 Ottawa) N37/76
Add — Buoy "N32", red, Qk Fl R Ra Ref — 50°51'37"N 127°31'04"W

17505 Ed. 9/23/60 LAST NM 37/76 (22(484)80 Ottawa) N27/80
Change — Characteristic of light to Fl R 2sec — 50°55'17"N 127°24'45"W

17505 Ed. 9/23/60 LAST NM 27/80 (27(579)80 Ottawa) N33/80
Add — Buoy "N31", black, Fl G WHISTLE
Ra Ref — 50°57'23"N 127°29'58"W

17505	Ed. 9/23/60 LAST NM 33/80		(41(883)80 Ottawa) N47/80
	Change	Light to Fl 4sec 50ft 5M	50°50'32"N 127°31'20"W
17505	Ed. 9/23/60 LAST NM 47/80		(45(957)80 Ottawa) N52/80
	Change	Height of light to 43 feet	51°00'02"N 127°33'45"W
17505	Ed. 9/23/60 LAST NM 52/80		(18(394)83 Ottawa) N32/83
	Add	Note in lower left margin of chart "WARNING Mariners may find port hand buoys painted black or green and fairway buoys painted black and white or red and white. In both cases, either presentation is to be interpreted as having the same navigational significance."	
17505	Ed. 9/23/60 LAST NM 32/83		(51(1238)84 Ottawa) N14/85
	Change	Light to Fl R 4s 32ft 8M	50°55'17"N 127°24'45"W
17505	Ed. 9/23/60 LAST NM 14/85		(6(176)85 Ottawa) N16/85
	Change	Light to F Fl 5s 83ft 15M Fog Sig 30s	50°51'38"N 127°36'40"W
17505	Ed. 9/23/60 LAST NM 16/85		(7(218)85 Ottawa) N17/85
	Add	Light Fl	50°45'56"N 127°04'12"W
17505	Ed. 9/23/60 LAST NM 17/85		(38(913)85 Ottawa) N44/85
	Change	Characteristic of light to Fl 4s (See N14/85-17505)	50°55'17"N 127°24'45"W
★17507	Ed. 6/11/82	NEW EDITION	(DMAHTC) N48/83
	Add	Legend "(Correct through NM 48/83)" in lower left margin of chart	
17507	Ed. 6/11/82 LAST NM 48/83		(6(176)85 Ottawa) N16/85
	Change	Light to F Fl 5s 83ft 15M Fog Sig 30s	50°51'38"N 127°36'40"W
17507	Ed. 6/11/82 LAST NM 16/85		(21(564)85 Ottawa) N27/85
		(And Plan)	
	Add	Buoys, each R, spar	
		"N24"	50°43'16.5"N 127°29'02.5"W
		"N26"	50°43'13.0"N 127°28'59.0"W
		"N28"	50°43'09.0"N 127°28'54.0"W
17507	Ed. 6/11/82 LAST NM 27/85		(38(723)87 Ottawa) N16/88
		(Plan)	
	Add	Buoy "N25" G. spar	50°43'23"N 127°27'26"W
★17508	Ed. 11/11/83	NEW EDITION	(DMAHTC) N12/85
	Change	Light to Fl R (Previously published N43/84)	50°33'00"N 126°40'38"W
17508	Ed. 11/11/83 LAST NM 12/85		(7(218, 226)85 Ottawa) N17/85
	Add	Lights Fl	50°45'56"N 127°04'12"W 50°35'35"N 127°05'12"W
★17509	Ed. 7/9/71	NEW EDITION	(DMAHTC) N35/83
17509	Ed. 7/9/71 LAST NM 35/83		(31(730)83 Ottawa) N50/83
	Add	Buoy "N22", red spar	50°35'31"N 127°05'11"W
17509	Ed. 7/9/71 LAST NM 50/83		(14(317)84 Ottawa) N26/84
	Delete	Buoy "N22" (Supersedes N50/83-17509)	50°35'31"N 127°05'11"W
17509	Ed. 7/9/71 LAST NM 26/84		(27(605)84 Ottawa) N43/84
	Add	Light FR	50°35'19"N 126°55'53"W
17509	Ed. 7/9/71 LAST NM 43/84		(27(605)84 Ottawa) N45/84
	Add	Chartlet, depicting changes in hydrography and aids to navigation, from back of Section I	50°35'36"N 127°05'15"W

17509	Ed. 7/9/71 LAST NM 45/84		(7(218, 226)85 Ottawa) N17/85
	Add	Lights Fl	50°45′56″N 127°04′12″W
		(See N45/84-17509)	50°35′35″N 127°05′12″W
★17510	Ed. 7/14/78	NEW EDITION	(DMAHTC) N9/79
17510	Ed. 7/14/78 LAST NM 9/79		(38(886)79 Ottawa) N43/79
	Add	Light Fl	50°34′31.0″N 126°40′54.5″W
17510	Ed. 7/14/78 LAST NM 43/79		(13(297)83 Ottawa) N22/83
	Add	Note in lower left margin of chart "WARNING Mariners may find port hand buoys painted black or green and fairway buoys painted black and white or red and white. In both cases, either presentation is to be interpreted as having the same navigational significance."	
17510	Ed. 7/14/78 LAST NM 22/83		(27(613)84 Ottawa) N43/84
	Change	Light to Fl R	50°33′00″N 126°40′38″W
17510	Ed. 7/14/78 LAST NM 43/84		(29(653)84 Ottawa) N49/84
	Change	Light to Q WR 26ft and add sectors red 127°-160°, white-345°	50°33′59″N 126°41′29″W
17511	Ed. 8/14/59	NEW EDITION	(DMAHTC; 14(304)84, 12(359)85 Ottawa) N37/86
	Delete	Depth 12 fathoms	50°28′53″N 125°51′13″W
	Change	Legend to "Lts in line 087°45′"	50°34′49″N 126°12′18″W
	Add	Depth 6 fathoms 3 feet	50°28′51.3″N 125°51′12.8″W
★17513	1Ed. 3/21/86	NEW CHART	(DMAHTC) N5/87
17513	1Ed. 3/21/86 LAST NM 5/87		(4(86)87 Ottawa) N10/87
	Change	Light to FWR, Fl WR 5s 18m 17M Fog Sig 30s and add sectors white 316°-134°, red-149°30′, white-151°	49°59′56″N 125°11′36″W
17513	1Ed. 3/21/86 LAST NM 10/87 (And Plan)		(10(192)88 Ottawa) N22/88
	Add	Light Fl G	50°10′00.0″N 125°22′01.5″W
17513	1Ed. 3/21/86 LAST NM 22/88		(19(359)88 Ottawa) N29/88
	Change	Lights to QY	50°01′50″N 125°14′11″W
			50°01′46″N 125°14′11″W
★17515	6Ed. 6/14/86	NEW EDITION	(DMAHTC) 36/86
17515	6Ed. 6/14/86 LAST NM 36/86		(34(824)86 Ottawa) 40/86
	Change	Characteristic of light to Fl(2) 6s	49°48′17″N 124°31′27″W
17515	6Ed. 6/14/86 LAST NM 40/86		(39(937), 46(1152), 52(1322)86 Ottawa) 5/87
	Delete	Solid line (breakwater extension) between	49°21′05″N 124°21′12″W
			49°21′04″N 124°21′22″W
		Buoys "P57"	49°42′44″N 124°50′52″W
		"Q26"	49°55′05″N 124°40′05″W
	Relocate	Light close NW to	49°21′07″N 124°21′16″W
	Add	Solid line (breakwater extension) between	49°21′04″N 124°21′22″W
			49°21′07″N 124°21′16″W
		Buoys "Q26", R, Fl R	49°55′00″N 124°40′00″W
		"PK", BYB, spar, double cone topmark bases together	49°42′21″N 124°49′51″W

17515	6Ed. 6/14/86 LAST NM 5/87		(MCNM7880/87) 12/87
	Substitute	Beacon, R for R Bn	49°28'49"N 124°22'04"W
17515	6Ed. 6/14/86 LAST NM 12/87		(18(341)88 Ottawa) 29/88
	Relocate	Buoy "PK" (49°42'21"N 124°49'51"W) to	49°42'45"N 124°50'52"W
	Add	Buoy "PJ" BYB, spar	49°41'32"N 124°49'38"W
17515	6Ed. 6/14/86 LAST NM 29/88		(29(555)88 Ottawa) 40/88
	Delete	Spoil area centered	49°51'59"N 124°36'00"W
			49°57'41"N 125°07'28"W
	Add	Spoil area bound by dashed-line circle, radius 0.5 mile, centered	49°57'42"N 125°05'00"W
17515	6Ed. 6/14/86 LAST NM 40/88		(51(994)88 Ottawa) 7/89
	Add	Ra Ref to light	49°39'38"N 124°55'25"W
★17517	6Ed. 6/7/86	NEW EDITION	(DMAHTC; MCNM7880/87) 12/87
	Delete	Solid line (breakwater extension) between	49°21'05"N 124°21'12"W
			49°21'04"N 124°21'22"W
		(Previously published 5/87)	
	Relocate	Light close NW to	49°21'07"N 124°21'16"W
		Buoy "Q51" NE to	49°31'08"N 123°59'02"W
		(Previously published 5/87)	
	Add	Solid line (breakwater extension) between	49°21'04"N 124°21'22"W
			49°21'07"N 124°21'16"W
		Ra Ref to light	49°30'41"N 123°58'09"W
		(Previously published 5/87)	
	Substitute	Beacon, R for R Bn	49°28'49"N 124°22'04"W
17517	6Ed. 6/7/86 LAST NM 12/87		(22(371)87 Ottawa) 29/87
	Add	Islet	49°27'50"N 123°54'30"W
17517	6Ed. 6/7/86 LAST NM 29/87		(10(194)88 Ottawa) 22/88
	Add	Islet (2)	49°44'08"N 124°02'13"E
17517	6Ed. 6/7/86 LAST NM 22/88		(10(194)88 Ottawa) 27/88
	Add	Islet (2)	49°44'08"N 124°02'13"W
		(Cancels 22/88-17517)	
★17518	6Ed. 6/28/86	NEW EDITION	(DMAHTC; MCNM7880/87) 12/87
	Add	Racon to buoy "QB"	49°19'03"N 123°12'00"W
17518	6Ed. 6/28/86 LAST NM 12/87		(5(110)89 Ottawa) 14/89
	Delete	Lights	49°01'55"N 123°14'06"W
			49°02'21"N 123°14'41"W
		Position circle "Dol"	49°02'02"N 123°13'47"W
	Add	Lights Fl, Ra Ref	49°02'03"N 123°13'49"W
		Fl Y, Ra Ref	49°02'28"N 123°14'27"W
17518	6Ed. 6/28/86 LAST NM 14/89		(12(269)89 Ottawa) 21/89
	Delete	Light	49°12'19"N 123°15'53"W
		Double solid line (breakwater) between	49°12'19"N 123°15'53"W
			49°12'20"N 123°15'46"W
	Add	Light Fl Ra Ref (Priv)	49°12'20"N 123°15'58"W
		Submerged pipeline between	49°12'20"N 123°15'46"W
			49°12'14"N 123°18'14"W
★17519	13Ed. 2/11/84	NEW EDITION	(DMAHTC) 15/84
17519	13Ed. 2/11/84 LAST NM 15/84		(10(302)85 Ottawa) 18/85
	Add	Light Fl G	49°23'58"N 123°30'12"W
17519	13Ed. 2/11/84 LAST NM 18/85		(11(240, 246, 261)86 Ottawa) 19/86
	Change	Buoy to "QB", Y, Fl Y Racon	49°19'02.5"N 123°12'00.0"W

(Continued on next page)

17519	(Continued)		19/86
	Add	Lights Fl(3) R Ra Ref	49°20'29.0"N 123°16'29.0"W
		Fl R Ra Ref	49°21'46.2"N 123°17'26.0"W
★17520	1Ed. 11/28/87	NEW CHART	(DMAHTC) N9/88
★17521	Ed. 6/27/86	NEW CHART	(DMAHTC) N51/86
★17522	Ed. 9/25/87	NEW EDITION	(DMAHTC) N15/88
★17541	2Ed. 9/22/84	NEW EDITION	(DMAHTC) 46/84
17541	2Ed. 9/22/84 LAST	NM 46/84	
	Add	Depth 15 fathoms	(4(110)85 Ottawa) 16/85 50°30'27"N 128°17'50"W
★17542	6Ed. 2/8/86	NEW EDITION	(DMAHTC; HNNM7687/86) 16/86
	Change	Legend to "Q 10ft"	50°33'30"N 127°33'00"W
	Add	Beacon symbol	50°32'09"N 127°35'01"W
		Note "CAUTION The value of variation indicated at the center of the compass rose is correct. The magnetic compass rose may be misaligned and should not be used for navigation."	
		Legend "SEE CAUTION NOTE"	50°36'12"N 127°55'54"W 50°35'42"N 127°59'30"W
17542	6Ed. 2/8/86 LAST	NM 16/86	
	Add	Buoy "M7", black can	(43(849)87 Ottawa) 8/88 50°28'44"N 127°52'50"W
17542	6Ed. 2/8/86 LAST	NM 8/88	
	Substitute	Depth 2½ fathoms for 3½ fathoms	(5(123)89 Ottawa) 14/89 50°29'09"N 127°37'55"W
17542	6Ed. 2/8/86 LAST	NM 14/89	
		(Inset Neroutsos Inlet)	(12(271)89 Ottawa) 21/89
	Add	Submarine pipeline between	50°23'05.5"N 127°27'18.7"W 50°23'03.1"N 127°27'23.4"W
★17543	16Ed. 2/9/85	NEW EDITION	(DMAHTC) 17/85
	Change	Characteristic of light to F Fl 12s (Previously published 16/85)	49°35'35"N 126°36'51"W
	Add	Light Fl R 4s (Previously published 16/85)	50°01'16"N 127°21'50"W
17543	16Ed. 2/9/85 LAST	NM 17/85	
	Delete	R Bn at light	(20(385)88 Ottawa) 26/88 49°59.9'N 127°26.9'W
17545	12Ed. 11/6/72 LAST	NM 19/74	
	Change	Light to Fl 12sec 102ft 16M	(9(187)77 Ottawa) 16/77 49°35'35"N 126°36'51"W
17545	12Ed. 11/6/72 LAST	NM 16/77	
	Add	Buoy, red and black bands, spar	(17(324)77 Ottawa) 24/77 49°50'20"N 127°01'37"W
17545	12Ed. 11/6/72 LAST	NM 24/77	
	Change	Color of beacon to black	(26(508)77 Ottawa) 35/77 49°43'09"N 126°37'43"W
17545	12Ed. 11/6/72 LAST	NM 35/77	
	Relocate	Bn close E to	(18(394)80 Ottawa) 25/80 49°52'17"N 126°44'34"W
17545	12Ed. 11/6/72 LAST	NM 25/80	
	Relocate	Light (Qk Fl R) close SE to and change height to 15ft	(13(295)81 Ottawa) 18/81 49°46'34"N 126°38'31"W
17545	12Ed. 11/6/72 LAST	NM 18/81	
	Add	Designation to buoys	(Can CH 3662) 14/83
		"M56"	49°33'48"N 126°50'00"W
		"MD"	49°47'06"N 127°02'46"W
		"M38"	49°56'07"N 127°17'39"W
		"M41" and Ra Ref	49°48'07"N 127°02'17"W

17545	12Ed. 11/6/72 LAST NM 14/83		(Can LL: 18(430)82 Ottawa) 13/84
	Change	Buoy to safe water buoy: "MD", RW, Mo(A) WHIS	49°47'06"N 127°02'46"W
	Add	Note in lower left margin of chart "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region B. For further explanation, see annual NM 1(6) and Chart No. 1."	
★17545	12Ed. 11/6/72 LAST NM 13/84		(DMAHTC) 32/84
	Change	DMA Stock No. to 17XCO17545 in lower right margin of chart Note: Applicable to certain copies of this chart only	
17545	12Ed. 11/6/72 LAST NM 32/84		(5(138)85 Ottawa) 16/85
	Change	Characteristic of light to F Fl 12s	49°35'35"N 126°36'51"W
17545	12Ed. 11/6/72 LAST NM 16/85		(17(469)85 Ottawa) 22/85
	Change	Buoy to preferred channel buoy: "MJ", GRG, spar	49°50'20"N 127°01'37"W
17545	12Ed. 11/6/72 LAST NM 22/85		(10(227)86 Ottawa) 17/86
	Change	Color of beacon to red and black bands	49°52'09"N 126°59'15"W
17545	12Ed. 11/6/72 LAST NM 17/86		(19(358)88 Ottawa) 29/88
	Add	Light QR	49°51'40"N 126°43'42"W
★17546	21Ed. 9/25/82	NEW EDITION	(DMAHTC; Can CH 3603) 46/82
	Change	Legend "Fog Sig (2) 60s" to "Fog Sig 20s"	48°55'06"N 125°34'18"W
17546	21Ed. 9/25/82 LAST NM 46/82		(Can LL: 18(430)82 Ottawa) 13/84
	Change	Buoy to safe water buoy: "ME", RW, Mo(A) WHIS	49°23'07"N 126°25'50"W
	Add	Note "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region B. For further explanation, see annual NM 1(6) and Chart No. 1."	49°33.5'N 125°47.0'W
17546	21Ed. 9/25/82 LAST NM 13/84		(10(229)84 Ottawa) 16/84
	Delete	Depth 40 meters	48°59'36"N 125°59'54"W
	Add	Depth 26 meters (ED)	48°59'36"N 125°59'48"W
17546	21Ed. 9/25/82 LAST NM 16/84		(33(767)84 Ottawa) 2/85
	Add	Wreck "Rep 1984" (PD)	49°08'00"N 126°11'40"W
17546	21Ed. 9/25/82 LAST NM 2/85		(42(1044)84 Ottawa; Can LL) 8/85
	Change	Characteristic of light to F Fl 12s	48°55'17"N 125°32'23"W
17546	21Ed. 9/25/82 LAST NM 8/85		(5(138)85 Ottawa) 16/85
	Change	Characteristic of light to F Fl 12s	49°35'35"N 126°36'51"W
17546	21Ed. 9/25/82 LAST NM 16/85		(14(414)85 Ottawa) 20/85
	Add	Legend "R RT" to radiobeacon	48°55'31"N 125°32'25"W
17546	21Ed. 9/25/82 LAST NM 20/85		(4(110)86 Ottawa) 9/86
	Delete	Buoy	49°01'30"N 125°50'00"W
17546	21Ed. 9/25/82 LAST NM 9/86		(11(249)86 Ottawa) 19/86
	Add	Buoy, Y, spherical, Fl(5) Y	49°02'12"N 125°48'24"W
17546	21Ed. 9/25/82 LAST NM 19/86		(17(381)86 Ottawa) 33/86
	Relocate	Buoy (49°02'12"N 125°48'24"W) to (See 19/86-17546)	49°02'12"N 125°48'00"W

17546	21Ed. 9/25/82 LAST NM 33/86		(51(1314)86 Ottawa) 6/87
	Add	Position circle "TRS"	49°05′24″N 125°51′08″W
17546	21Ed. 9/25/82 LAST NM 6/87		(20(384)88 Ottawa) 26/88
	Delete	R Bn at light	49°06.6′N 125°55.3′W
17546	21Ed. 9/25/82 LAST NM 26/88		(21(399)88 Ottawa) 32/88
	Delete	Purple circle and legend "R Bn"	48°55.5′N 125°32.4′W
17546	21Ed. 9/25/82 LAST NM 32/88		(50/88 CG13) 4/89
	Add	Superbuoy ODAS, yellow, Fl(5) Y 20s	48°50′N 126°00′W
17546	21Ed. 9/25/82 LAST NM 4/89		(50(973)88 Ottawa) 7/89
	Change	Color of buoy "MH" to RW	49°20.0′N 126°15.4′W

★17548	27Ed. 8/11/84	NEW EDITION	(DMAHTC) 44/84
	Relocate	Buoy "Y47" close E to (Previously published 36/84)	48°50′17″N 125°10′43″W
	Add	Depth 0.2 meter Rk (Previously published 39/84)	48°55′07.8″N 125°03′24.0″W
	Delete	Rock "Uncovers 1.4m" (Previously published 39/84)	48°53′56″N 125°07′16″W
	Substitute	Rock "Uncovers 1.0m" for depth "0.8m" Rk (Previously published 40/84)	48°54′00″N 125°07′23″W
	Add	Rock "Uncovers 0.2m" (Previously published 40/84)	48°53′40″N 125°07′01″W
17548	27Ed. 8/11/84 LAST NM 44/84		(42(1043, 1044)84 Ottawa; Can LL) 8/85
	Change	Characteristic of light to F Fl 12s	48°55′17″N 125°32′23″W
		Light to F Fl WR 5s 51m 15M HORN R Bn	48°47′12″N 125°12′51″W
17548	27Ed. 8/11/84 LAST NM 8/85		(50(1213)85 Ottawa) 13/85
	Add	Buoy (mooring) "NAVY", OrW	48°59′30″N 125°18′15″W
17548	27Ed. 8/11/84 LAST NM 13/85		(14(414), 15(435)85 Ottawa; Can CH 3646) 20/85
	Delete	Position circle and legend "R Tr" R Bn at light	49°01′19″N 125°21′37″W 48°55′17″N 125°32′23″W
	Add	Legend "R RT" to radiobeacon	48°55′31″N 125°32′25″W
17548	27Ed. 8/11/84 LAST NM 20/85		(21(566)85 Ottawa) 28/85
	Add	Chartlet, depicting changes in hydrography and aids to navigation, from back of Section I	48°54′00″N 125°07′30″W
17548	27Ed. 8/11/84 LAST NM 28/85		(46(1100)85 Ottawa) 4/86
	Add	Chartlet, depicting changes in hydrography, from back of Section I (Supersedes 28/85-17548)	48°54′00″N 125°07′30″W
17548	27Ed. 8/11/84 LAST NM 4/86		(21(361)87 Ottawa) 29/87
	Delete	Buoy "Y47"	48°50′17″N 125°10′42″W
	Add	Bn, black	48°50′18″N 125°10′53″W
17548	27Ed. 8/11/84 LAST NM 29/87		(21(399)88 Ottawa) 32/88
	Delete	Purple circle and legend "R Bn"	48°55′31″N 123°32′26″W
17548	27Ed. 8/11/84 LAST NM 32/88		(21(399)88 Ottawa) 36/88
	Delete	Purple circle and legend "R Bn" (Cancels 32/88-17548)	48°55′31″N 125°32′26″W

★17549	5Ed. 11/30/85	NEW EDITION	(DMAHTC; Can LL) 32/86
	Add	Chartlets depicting plan (ROBBERS PASSAGE) from back of Section I	
		(A)	48°54′30″N 124°52′00″W
		(B)	48°54′30″N 124°49′00″W
		(Previously published 4/86-17549)	
	Change	Period of light to 4s	49°09′15″N 124°48′25″W

17549	5Ed. 11/30/85 LAST NM 32/86		(48(1213)86 Ottawa) 52/86
		(Plan Port Alberni)	
	Change	Characteristic of range lights,	
		front to QY	49°14'29"N 124°49'06"W
		rear to Iso Y	49°14'32"N 124°49'06"W
17549	5Ed. 11/30/85 LAST NM 52/86		(52(1326)86 Ottawa) 5/87
		(Plan Port Alberni)	
	Delete	Bn	49°14'48"N 124°49'11"W
		Legends "Dol"	49°14'34"N 124°49'16"W
			49°14'48"N 124°49'11"W
	Substitute	Bns, black, Ra Ref for position circles	49°14'24"N 124°49'18"W
			49°14'34"N 124°49'23"W
			49°14'48"N 124°49'09"W
		Bn, black, Ra Ref for Pile	49°14'44"N 124°49'17"W
		Bns, red, Ra Ref for position circle	49°14'25"N 124°49'13"W
			49°14'34"N 124°49'18"W
			49°14'46"N 124°49'07"W
17549	5Ed. 11/30/85 LAST NM 5/87		(28(525)87 Ottawa) 47/87
	Add	Depth 16.8 meters Rk	49°11'51"N 124°49'18"W
★17550	3Ed. 3/5/88	NEW EDITION	(DMAHTC; MCNM7457/85) 22/88
	Add	Purple dashed lines (recommended route) between	48°31.6'N 124°59.0'W
			48°39.9'N 126°51.4'W
		between	48°24.2'N 126°51.4'W
			48°28.0'N 124°59.0'W
		Purple open-outlined arrows indicating flow of traffic oriented 276.3°	48°34.0'N 125°20.0'W
		276.3°	48°36.8'N 126°00.0'W
		276.3°	48°40.4'N 126°51.2'W
		090.2°	48°24.0'N 126°40.0'W
		090.2°	48°25.0'N 126°00.0'W
		090.2°	48°26.6'N 125°20.0'W
		Note "NOTE A US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."	48°15.5'N 126°28.2'W
		Legend "See Note A"	48°32.5'N 125°15.3'W
			48°27.8'N 125°20.0'W
			48°25.0'N 126°40.0'W
			48°38.8'N 126°40.0'W
17550	3Ed. 3/5/88 LAST NM 22/88		(21(399)88 Ottawa) 32/88
	Delete	Purple circle and legend "R Sta"	48°55.5'N 125°32.4'W
17550	3Ed. 3/5/88 LAST NM 32/88		(28/88 CG13) 34/88
	Change	Buoy to "J" Y, Fl Y 4s Racon (---)	48°29.3'N 124°43.6'W
★17550	3Ed. 3/5/88 LAST NM 34/88		(50/88 CG13) 4/89
	Add	Superbuoy ODAS, yellow, Fl(5) Y 20s	48°50'N 126°00'W

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★18000	7Ed. 11/3/84	NEW EDITION	(DMAHTC; 48, 49/84 CG11) 3/85
	Delete	Light	34°22.5'N 120°07.0'W
		HORN from light	33°51.0'N 118°23.0'W
18000	7Ed. 11/3/84 LAST	NM 3/85	(52, 53/84 CG 11; USCG LL) 6/85
	Change	Light to Fl R 4s 9M HORN R Bn	33°51.0'N 118°23.0'W
		(See 3/85-18000)	
18000	7Ed. 11/3/84 LAST	NM 6/85	(4/85 CG11) 9/85
	Change	Color of buoy "7TL" to green	33°38'N 118°28'W
18000	7Ed. 11/3/84 LAST	NM 9/85	(7/85 CG11; 12(5238)83 Mexico, D.F.) 11/85
	Delete	Buoys	33°28.0'N 119°49.7'W
			33°43.4'N 119°57.5'W
	Change	Visibility (range) of light to 9M	33°27.5'N 117°41.0'W
	Add	Light Fl(4) 5s 157ft	32°32.0'N 117°07.0'W
18000	7Ed. 11/3/84 LAST	NM 11/85	(FED REG 3/7/85) 14/85
	Add	"DUMP SITE" bound by dashed-line circle, radius 1.5 miles, centered	33°34.5'N 118°27.5'W
18000	7Ed. 11/3/84 LAST	NM 14/85	(14/85 CG11) 16/85
	Add	Buoy, black and orange stripes, F (Navy maintd)	33°27.0'N 119°49.0'W
18000	7Ed. 11/3/84 LAST	NM 16/85	(19/85 CG11) 22/85
	Add	Buoy (wavemeter) "WAVE CAGE", white and orange, Fl(5) Y (Priv maintd)	34°29.7'N 120°43.6'W
18000	7Ed. 11/3/84 LAST	NM 22/85	(24/85 CG11) 27/85
	Change	Visibility (range) of light to 6M	33°15.5'N 119°27.8'W
18000	7Ed. 11/3/84 LAST	NM 27/85	(25/85 CG11) 28/85
	Change	Visibility (range) of light to 7M	33°25'30"N 118°30'45"W
18000	7Ed. 11/3/84 LAST	NM 28/85	(27/85 CG11) 30/85
	Change	Visibility (range) of light to 9M	33°57.8'N 118°27.7'W
18000	7Ed. 11/3/84 LAST	NM 30/85	(31/85 CG11) 34/85
	Add	Danger circle "Subm Obstr"	32°55.8'N 119°22.7'W
18000	7Ed. 11/3/84 LAST	NM 34/85	(13/85 CG11) 36/85
	Add	Danger circle "Subm Obstr"	32°59'41"N 118°50'15"W
18000	7Ed. 11/3/84 LAST	NM 36/85	(44/85 CG11) 48/85
	Delete	Buoy "46024"	32°45.8'N 119°29.0'W
18000	7Ed. 11/3/84 LAST	NM 48/85	(45/85 CG11) 49/85
	Add	Dangerous wreck (PA)	32°47.2'N 117°16.6'W
18000	7Ed. 11/3/84 LAST	NM 49/85	(HNNM7699, 7700/86) 10/86
	Add	Depths 236 fathoms (PA)	29°05.0'N 115°18.5'W
		138 fathoms (PA)	29°04.9'N 115°22.0'W
		98 fathoms (PA)	29°02.0'N 115°12.8'W
		52 fathoms (PA)	31°10.0'N 116°38.0'W
18000	7Ed. 11/3/84 LAST	NM 10/86	(7/86 CG11) 11/86
	Relocate	Buoy "46025" (33°36'N 119°00'W) to	33°44.8'N 119°04.1'W
18000	7Ed. 11/3/84 LAST	NM 11/86	(40, 45/86 CG11) 48/86
	Change	Lights to Fl G 5s 14M HORN	33°35.8'N 117°52.7'W
		Fl 10s 212ft 16M	33°18.8'N 118°18.8'W
		Fl 5s 15M	33°24.6'N 118°22.1'W
		Fl 10s 76ft 16M	33°29.2'N 118°36.0'W
★18000	7Ed. 11/3/84 LAST	NM 48/86	(35, 39/86 CG11) 51/86
	Change	Characteristic of lights to Fl 5s and visibility (range) to 15M	33°01.8'N 118°35.7'W
			32°48.2'N 118°25.5'W
			33°16.0'N 119°28.0'W
			33°29.0'N 119°02.0'W
		Characteristic of lights to Fl 10s and visibility (range) to 16M	33°57.0'N 119°50.0'W
			32°50.0'N 118°21.0'W
		Light to Fl 10s 125ft 17M HORN	33°00.2'N 118°33.0'W
18000	7Ed. 11/3/84 LAST	NM 51/86	(53/86 CG11) 4/87
	Delete	Buoy .	32°04.0'N 118°13.0'W

SUBREGION

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18000	7Ed. 11/3/84 LAST NM 4/87		(4/87 CG11) 9/87
	Change	Light to Fl 10s 63ft 16M	33°23.8'N 117°35.9'W
18000	7Ed. 11/3/84 LAST NM 9/87		(46/87 CG11) 50/87
	Delete	Buoy	34°06.5'N 120°31.6'W
18000	7Ed. 11/3/84 LAST NM 50/87		(7(18, 19)87 Mexico, D.F.) 4/88
	Add	Racon at lights	28°19'N 115°35'W
			31°49'N 116°49'W
18000	7Ed. 11/3/84 LAST NM 4/88		(22/88 CG11) 28/88
	Delete	Light	32°47.0'N 117°15.5'W
18000	7Ed. 11/3/84 LAST NM 28/88		(MCNM8109/88) 30/88
	Add	Depth 250 fathoms "Rep (1987)" (PA)	29°36.6'N 116°52.0'W
18000	7Ed. 11/3/84 LAST NM 30/88		(30/88 CG11) 34/88
	Change	Visibility (range) of light to 15M	33°43.0'N 118°15.0'W
18000	7Ed. 11/3/84 LAST NM 34/88		(33/88 CG11; USCG LL) 37/88
	Change	Characteristic of light to Fl R 5s and visibility (range) of 14M	33°12.2'N 117°23.5'W
	Add	Buoy, yellow, QY (Priv maintd)	32°42.1'N 117°29.4'W
18000	7Ed. 11/3/84 LAST NM 37/88		(23(1769)88 Taunton) 38/88
	Add	Light Fl 11M (PA)	31°19.8'N 116°26.8'W
18000	7Ed. 11/3/84 LAST NM 38/88		(35/88 CG11) 40/88
	Change	Color of buoy to yellow	33°37.8'N 118°05.1'W
18000	7Ed. 11/3/84 LAST NM 40/88		(50/88 CG11) 1/89
	Delete	Buoy (See 37/88-18000)	32°42.1'N 117°29.4'W
18000	7Ed. 11/3/84 LAST NM 1/89		(CL436/89) 23/89
	Add	Depth 51 fathoms "Rep (1988)" (PA)	32°49.5'N 117°49.5'W
★**18001**	7Ed. 9/28/85	NEW EDITION	(DMAHTC; 49/84, 7, 44/85 CG11) N48/85
	Delete	Light	34°23.0'N 120°07.0'W
		Light flare	33°43.0'N 119°56.8'W
		Buoy "46024"	32°46.0'N 119°28.6'W
18001	7Ed. 9/28/85 LAST NM 48/85		(45/85 CG11) N49/85
	Add	Dangerous wreck (PA)	32°47.2'N 117°16.6'W
18001	7Ed. 9/28/85 LAST NM 49/85		(HNNM7699, 7700/86) N10/86
	Add	Depths 236 fathoms (PA)	29°05.0'N 115°18.5'W
		98 fathoms (PA)	29°02.0'N 115°12.8'W
		138 fathoms (PA)	29°04.9'N 115°22.0'W
		52 fathoms (PA)	31°10.0'N 116°38.0'W
18001	7Ed. 9/28/85 LAST NM 10/86		(7/86 CG11) N11/86
	Relocate	Buoy "46025" (33°36'N 119°00'W) to	33°44.8'N 119°04.1'W
18001	7Ed. 9/28/85 LAST NM 11/86		(35, 39/86 CG11; MCNM7785/86) N43/86
	Change	Characteristic of lights to Fl 5s and visibility (range) to 15M	33°01.8'N 118°35.7'W
			32°48.2'N 118°25.5'W
			33°16.0'N 119°28.0'W
			33°29.0'N 119°02.0'W
		Characteristic of lights to Fl 10s and visibility (range) to 16M	33°57.0'N 119°50.0'W
			32°50.0'N 118°21.0'W
		Light to Fl 10s 125ft 17M	33°00.2'N 118°33.0'W
	Add	Depth 115 fathoms (PA)	28°37.2'N 115°36.8'W
18001	7Ed. 9/28/85 LAST NM 43/86		(40, 45/86 CG11) N48/86
	Change	Lights to Fl G 5s 14M HORN	33°35.8'N 117°52.7'W
		Fl 10s 212ft 16M	33°18.8'N 118°18.8'W
		Fl 5s 15M	33°24.6'N 118°22.1'W
		Fl 10s 76ft 16M	33°29.2'N 118°36.0'W
18001	7Ed. 9/28/85 LAST NM 48/86		(53/86 CG11) N4/87
	Delete	Buoy	32°04.0'N 118°13.0'W

18001	7Ed. 9/28/85 LAST NM 4/87		(4/87 CG11) N9/87
	Change	Light to Fl 10s 63ft 16M	33°23.3'N 117°35.7'W
18001	7Ed. 9/28/85 LAST NM 9/87		(46/87 CG11) N50/87
	Delete	Buoy	34°06.5'N 120°31.6'W
18001	7Ed. 9/28/85 LAST NM 50/87		(7(18, 19)87 Mexico, D.F.) N4/88
	Add	Racon at lights	28°19'N 115°35'W
			31°49'N 116°49'W
18001	7Ed. 9/28/85 LAST NM 4/88		(MCNM8109/88; 8(34)87 Mexico D.F.) N27/88
	Change	Light to Fl 246ft 22M	32°24'N 117°14'W
	Add	Depth 250 fathoms "Rep (1987)" (PA)	29°36.6'N 116°52.0'W
18001	7Ed. 9/28/85 LAST NM 27/88		(22/88 CG11) N28/88
	Delete	Light	32°47.0'N 117°15.5'W
18001	7Ed. 9/28/85 LAST NM 28/88		(30/88 CG11) N34/88
	Change	Visibility (range) of light to 15M	33°43.0'N 118°15.0'W
18001	7Ed. 9/28/85 LAST NM 34/88		(33/88 CG11; USCG LL) N37/88
	Change	Light to Fl R 5s 14M HORN	33°12.3'N 117°24.0'W
	Add	Buoy, yellow, QY (Priv maintd)	32°42.1'N 117°29.4'W
		Light dot to light flare symbol	33°12.3'N 117°24.0'W
18001	7Ed. 9/28/85 LAST NM 37/88		(23(1769)88 Taunton) N38/88
	Add	Light Fl 11M (PA)	31°19.8'N 116°26.8'W
18001	7Ed. 9/28/85 LAST NM 38/88		(35/88 CG11) N40/88
	Change	Color of buoy to yellow	33°37.8'N 118°05.1'W
18001	7Ed. 9/28/85 LAST NM 40/88		(50/88 CG11) N1/89
	Delete	Buoy	32°42.1'N 117°29.4'W
		(See N37/88-18001)	
18001	7Ed. 9/28/85 LAST NM 1/89		(CL436/89) N23/89
	Add	Depth 51 fathoms "Rep (1988)" (PA)	32°49.5'N 117°49.5'W
★18002	4Ed. 9/28/85	NEW EDITION	(DMAHTC; 49/84, 7, 44/85 CG11) N48/85
	Delete	Light	34°23.0'N 120°07.0'W
		Light flare	33°43.0'N 119°56.8'W
		Buoy "46024"	32°46.0'N 119°28.6'W
18002	4Ed. 9/28/85 LAST NM 48/85		(45/85 CG11) N49/85
	Add	Dangerous wreck (PA)	32°47.2'N 117°16.6'W
18002	4Ed. 9/28/85 LAST NM 49/85		(HNNM7699, 7700/86) N10/86
	Add	Depths 236 fathoms (PA)	29°05.0'N 115°18.5'W
		98 fathoms (PA)	29°02.0'N 115°12.8'W
		138 fathoms (PA)	29°04.9'N 115°22.0'W
		52 fathoms (PA)	31°10.0'N 116°38.0'W
18002	4Ed. 9/28/85 LAST NM 10/86		(7/86 CG11) N11/86
	Relocate	Buoy "46025" (33°36'N 119°00'W) to	33°44.8'N 119°04.1'W
18002	4Ed. 9/28/85 LAST NM 11/86		(35, 39/86 CG11; MCNM7785/86) N43/86
	Change	Characteristic of lights to Fl 5s and visibility (range) to 15M	33°01.8'N 118°35.7'W
			32°48.2'N 118°25.5'W
			33°16.0'N 119°28.0'W
			33°39.0'N 119°02.0'W
		Characteristic of lights to Fl 10s and visibility (range) to 16M	33°57.0'N 119°50.0'W
			32°50.0'N 118°21.0'W
		Light to Fl 10s 125ft 17M	33°00.2'N 118°33.0'W
	Add	Depth 115 fathoms (PA)	28°37.2'N 115°36.8'W
18002	4Ed. 9/28/85 LAST NM 43/86		(40, 45/86 CG11) N48/86
	Change	Lights to Fl G 5s 14M HORN	33°35.8'N 117°52.7'W
		Fl 10s 212ft 16M	33°18.8'N 118°18.8'W
		Fl 5s 15M	33°24.6'N 118°22.1'W
		Fl 10s 76ft 16M	33°29.2'N 118°36.0'W

18002	4Ed. 9/28/85 LAST NM 48/86		(35, 39/86 CG11) N51/86
	Change	Characteristic of light to Fl 5s and visibility (range) to 15M (See N43/86-18002)	33°29.0'N 119°02.0'W
18002	4Ed. 9/28/85 LAST NM 51/86		
	Delete	Buoy	(53/86 CG11) N4/87 32°04.0'N 118°13.0'W
18002	4Ed. 9/28/85 LAST NM 4/87		
	Change	Light to Fl 10s 63ft 16M	(4/87 CG11) N9/87 33°23.3'N 117°35.7'W
18002	4Ed. 9/28/85 LAST NM 9/87		
	Delete	Buoy	(46/87 CG11) N50/87 34°06.5'N 120°31.6'W
18002	4Ed. 9/28/85 LAST NM 50/87		
	Add	Racon at lights	(7(18, 19)87 Mexico, D.F.) N4/88 28°19'N 115°35'W 31°49'N 116°49'W
18002	4Ed. 9/28/85 LAST NM 4/88		
	Change	Light to Fl 246ft 22M	(8(34)87 Mexico D.F.) N9/88 32°24'N 117°14'W
18002	4Ed. 9/28/85 LAST NM 9/88		
	Add	Depth 250 fathoms "Rep (1987)" (PA)	(MCNM8109/88) N27/88 29°36.6'N 116°52.0'W
18002	4Ed. 9/28/85 LAST NM 27/88		
	Delete	Light	(22/88 CG11) N28/88 32°47.0'N 117°15.5'W
18002	4Ed. 9/28/85 LAST NM 28/88		
	Change	Visibility (range) of light to 15M	(30/88 CG11) N34/88 33°43.0'N 118°15.0'W
18002	4Ed. 9/28/85 LAST NM 34/88		
	Change	Light to Fl R 5s 14M HORN	(33/88 CG11; USCG LL) N37/88 33°12.3'N 117°24.0'W
	Add	Buoy, yellow, QY (Priv maintd)	32°42.1'N 117°29.4'W
		Light dot to light flare symbol	33°12.3'N 117°24.0'W
18002	4Ed. 9/28/85 LAST NM 37/88		
	Add	Light Fl 11M (PA)	(23(1769)88 Taunton) N38/88 31°19.8'N 116°26.8'W
18002	4Ed. 9/28/85 LAST NM 38/88		
	Change	Color of buoy to yellow	(35/88 CG11) N40/88 33°37.8'N 118°05.1'W
18002	4Ed. 9/28/85 LAST NM 40/88		
	Delete	Buoy (See N37/88-18002)	(50/88 CG11) N1/89 32°42.1'N 117°29.4'W
18002	4Ed. 9/28/85 LAST NM 1/89		
	Add	Depth 51 fathoms "Rep (1988)" (PA)	(CL436/89) N23/89 32°49.5'N 117°49.5'W
★**18003**	13Ed. 9/22/84	NEW EDITION	
18003	13Ed. 9/22/84 LAST NM 7/85		(NOS) 7/85
	Change	Color of buoy to red and white stripes and add ball topmark	(NOS) 8/85
			45°39.5'N 123°57.2'W
		Color of buoy to green	46°55.2'N 124°14.8'W
18003	13Ed. 9/22/84 LAST NM 8/85		
	Add	Dotted circle with legend "Current meter 26fms (Rep)" (PA)	(4(113)85 Ottawa) 16/85
			48°28'32"N 126°08'07"W
18003	13Ed. 9/22/84 LAST NM 16/85		
	Change	Light to "8" Fl R 4s 30ft 6M HORN (June 1 to Sept 15)	(23/85 CG13) 27/85
			43°07.1'N 124°25.1'W
18003	13Ed. 9/22/84 LAST NM 27/85		
	Delete	Light	(33/85 CG13) 38/85 47°18.3'N 124°16.6'W
18003	13Ed. 9/22/84 LAST NM 38/85		
	Add	Purple dashed lines (recommended route) between	(HNNM7457/85) 39/85
			48°31.6'N 124°59.0'W 48°44.2'N 128°05.0'W
		between	48°29.2'N 128°05.0'W 48°28.0'N 124°59.0'W

(continued on next page)

18003	(Continued)		
	Add	Purple open-outlined arrows indicating flow of traffic oriented 276.3°	39/85
		276.3°	48°36.7'N 126°00.0'W
		090.6°	48°41.7'N 127°00.0'W
		090.6°	48°27.5'N 127°00.0'W
			48°27.0'N 126°00.0'W
		Note "NOTE D US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."	
		Legend "Note D"	48°00.0'N 121°30.0'W
18003	13Ed. 9/22/84 LAST NM 39/85		48°34.0'N 126°50.0'W
	Add	Buoy (wave rider), orange and white, Fl(5) Y	(45/85 CG13) 49/85
18003	13Ed. 9/22/84 LAST NM 49/85		46°52.3'N 124°20.7'W
	Relocate	Dotted circle and legend "Current meter 26fms (Rep)" (PA) (48°28'32"N 126°08'07"W) to (See 16/85-18003)	(4(109)86 Ottawa) 9/86
			48°26'40"N 126°11'25"W
18003	13Ed. 9/22/84 LAST NM 9/86		(13/86 CG13) 18/86
	Change	Color of buoy to red and white stripes and add ball topmark	44°35.9'N 124°06.7'W
		Characteristic of buoy to Fl G	46°55.0'N 124°14.7'W
18003	13Ed. 9/22/84 LAST NM 18/86		(20/86 CG13) 26/86
	Change	Color of buoy "Q" to red and white stripes and add ball topmark	47°53.2'N 124°40.4'W
18003	13Ed. 9/22/84 LAST NM 26/86		(29/86 CG13) 36/86
	Add	Ball topmark to buoy	43°40.0'N 124°15.0'W
18003	13Ed. 9/22/84 LAST NM 36/86		(42(1044)86 Ottawa; Can LL) 48/86
	Change	Characteristic of light to F Fl 12s	48°55.2'N 125°32.5'W
★18003	13Ed. 9/22/84 LAST NM 48/86		(43, 46/86 CG13) 50/86
	Change	Buoy to red and white stripes, ball topmark, Mo(A) WHIS	44°01.2'N 124°09.3'W
		Characteristic of buoys to Fl G	46°14.4'N 124°09.4'W
		Fl R	43°08.5'N 124°28.0'W
		Characteristic of buoy "2UR" to Fl R 2.5s	48°11.2'N 124°48.8'W
	Add	Ball topmark to buoy	45°34.3'N 123°59.5'W
18003	13Ed. 9/22/84 LAST NM 50/86		(MCNM7881/87; CL28/87) 5/87
	Add	Danger circle "Unexploded Ordnance Rep (1985)"	48°26.2'N 125°16.7'W
18003	13Ed. 9/22/84 LAST NM 5/87		(46(1169)86 Ottawa) 17/87
	Change	Light to Fl R 5s 55ft 12M HORN	48°32.0'N 124°27.5'W
18003	13Ed. 9/22/84 LAST NM 17/87		(17/87 CG13) 27/87
	Delete	Ball topmark from buoy "Q"	47°53.1'N 124°40.5'W
18003	13Ed. 9/22/84 LAST NM 27/87		(29/85, 22/87 CG13) 31/87
	Change	Color of buoy to red and white stripes	44°48.5'N 124°05.2'W
	Add	Superbuoy ODAS "46040", yellow, Fl(4) Y 20s	44°46.3'N 124°17.5'W
18003	13Ed. 9/22/84 LAST NM 31/87		(24, 25/87 CG13) 33/87
	Relocate	Buoy (46°42.5'N 124°10.5'W) to	46°41.8'N 124°10.8'W
	Add	Superbuoy ODAS "46041" yellow, Fl(4) Y 20s	47°24.9'N 124°31.9'W

18003	13Ed. 9/22/84 LAST NM 33/87			
	Delete	Ball topmark from buoys		(33/87 CG13) 43/87
				44°35.9'N 124°06.7'W
		(See 50/86-18003)		45°34.3'N 123°59.5'W
18003	13Ed. 9/22/84 LAST NM 43/87			
	Change	Characteristic of buoy to Fl R 4s		(43/87 CG13) 49/87
				45°20.2'N 124°01.2'W
18003	13Ed. 9/22/84 LAST NM 49/87			
	Relocate	Buoy		(3, 5/88 CG13) 10/88
		(48°24.8'N 124°44.8'W) to		
		and change characteristic to Fl R 4s		48°24.9'N 124°44.9'W
18003	13Ed. 9/22/84 LAST NM 10/88			
	Delete	Ball topmark from buoy "S"		(19/88 CG13) 24/88
				44°01.1'N 124°09.6'W
18003	13Ed. 9/22/84 LAST NM 24/88			
	Delete	R Bn at light		(21(399)88 Ottawa) 32/88
				48°55.5'N 125°32.1'W
18003	13Ed. 9/22/84 LAST NM 32/88			
	Change	Buoy "J" to Y, Fl Y 4s Racon (---)		(28/88 CG13) 34/88
				48°29.4'N 124°43.5'W
18003	13Ed. 9/22/84 LAST NM 34/88			
	Change	Characteristic of buoy "CR" to Fl 6s		(39/88 CG11) 45/88
				46°11.1'N 124°10.9'W
18003	13Ed. 9/22/84 LAST NM 45/88			
	Add	Superbuoy ODAS, yellow, Fl(5) Y 20s		(50/88 CG13) 4/89
				48°50'N 126°00'W
18003	13Ed. 9/22/84 LAST NM 4/89			
	Relocate	Superbuoy ODAS "46040"		(2/89 CG13) 6/89
		close NW to		
				44°46.8'N 124°18.1'W
18003	13Ed. 9/22/84 LAST NM 6/89			
	Change	Visibility (range) of light to 17M		(13/89 CG13) 18/89
				45°29.2'N 123°58.6'W

★18005	3Ed. 11/7/87	NEW EDITION		
	Delete	Buoy		(DMAHTC) N6/88
		(Previously published N50/87		34°06.5'N 120°31.5'W
	Relocate	Buoy "46042"		
		(36°45.9'N 122°13.5'W) to		
		(Previously published N3/88)		36°45.0'N 122°24.5'W
	Add	Wreck		
		(Previously published N4/88		37°23.5'N 122°53.1'W
18005	3Ed. 11/7/87 LAST NM 6/88			
	Change	Characteristic of superbuoy "SF" to		(14/88 CG11) N18/88
		Fl 6s		
				37°44.5'N 122°41.0'W
18005	3Ed. 11/7/87 LAST NM 18/88			
	Change	Visibility (range) of light to 15M		(26/88 CG11) N32/88
				37°47.8'N 122°31.0'W
18005	3Ed. 11/7/87 LAST NM 32/88			
	Delete	Buoy		(29/88 CG11) N34/88
				37°32.2'N 122°33.0'W
18005	3Ed. 11/7/87 LAST NM 34/88			
	Add	Dashed-line circle with legend		(MCNM1034/89) N12/89
		"Subm buoy (cov 49fms)"		
----------				36°20.0'N 122°10.9'W
★18006	1Ed. 5/15/82	NEW CHART		
	Add	Buoy "46023", red and yellow stripes,		(DMAHTC; 17/82 CG11) N29/82
		Fl(4) 20s (Priv maintd)		
				34°15'N 120°40'W
18006	1Ed. 5/15/82 LAST NM 29/82			
	Change	Characteristic of buoy "8" to		(17/83 CG11) N23/83
		Fl R 2.5s		
				34°07.4'N 120°31.6'W
18006	1Ed. 5/15/82 LAST NM 23/83			
	Delete	Depth 420 fathoms		(NVS6883/83) N43/83
				30°26.0'N 122°43.5'W
	Substitute	Depth 692 fathoms for 820 fathoms		
				30°36.0'N 123°13.7'W
	Add	Depth 320 fathoms		
				30°26.7'N 122°45.2'W
		Legend "(Correct through NM 20/82)"		
		in lower left margin of chart		

18006	1Ed. 5/15/82 LAST NM 43/83		(19/85 CG11) N22/85
	Add	Buoy (wavemeter) "WAVE CAGE", white and orange, Fl(5) Y (Priv maintd)	34°29.7'N 120°43.6'W
18006	1Ed. 5/15/82 LAST NM 22/85		(DMAHTC) N39/85
	Add	Chartlet, depicting changes in chart border, from back of Section I	34°27.0'N 120°25.0'W
18006	1Ed. 5/15/82 LAST NM 39/85		(17/86 CG11) N39/86
	Change	Buoy "46023" to Y, Fl(4) Y 20s	34°15'N 120°40'W
18006	1Ed. 5/15/82 LAST NM 39/86		(46/87 CG11) N50/87
	Delete	Buoy	34°07.4'N 120°31.6'W
★18007	27Ed. 6/21/86	NEW EDITION	(NOS) 35/86
18007	27Ed. 6/21/86 LAST NM 35/86		(HNNM7457/85) 38/86
	Add	Purple dashed lines (recommended route) between	37°28'N 124°44'W
			49°05'N 133°50'W
		between	48°31'N 133°50'W
			37°28'N 125°07'W
		between	37°57'N 123°03'W
			39°53'N 126°31'W
		between	40°06'N 127°05'W
			37°55'N 123°05'W
		joining	48°32'N 124°59'W
			48°50'N 129°10'W
			49°30'N 130°00'W
		joining	49°30'N 131°10'W
			48°30'N 130°00'W
			48°28'N 124°59'W
		Purple open-outlined-dashed arrows indicating flow of traffic oriented 330°	38°00'N 124°58'W
		330°	42°00'N 128°00'W
		330°	46°00'N 131°00'W
		150°	46°00'N 131°55'W
		150°	41°10'N 128°00'W
		150°	38°00'N 125°40'W
		305°	38°35'N 124°00'W
		305°	39°45'N 126°00'W
		125°	38°15'N 124°00'W
		276°	48°50'N 128°00'W
		320°	49°10'N 129°25'W
		142°	48°50'N 130°35'W
		091°	48°25'N 128°00'W
		Note "NOTE G US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."	42°30'N 123°05'W
		Legend "See Note G"	38°54'N 126°00'W
			39°08'N 125°15'W
			46°40'N 132°00'W
			48°37'N 128°00'W
18007	27Ed. 6/21/86 LAST NM 38/86		(37/86 CG12) 44/86
	Add	Superbuoy ODAS "NOAA 46013", yellow, Fl(4) Y 20s	38°13.9'N 123°18.1'W
18007	27Ed. 6/21/86 LAST NM 44/86		(47/86 CG12) 52/86
	Delete	R Bn at light	41°44.5'N 124°12.0'W
18007	27Ed. 6/21/86 LAST NM 52/86		(51/86 CG12) 4/87
	Add	Buoy, yellow, Fl(4) Y 20s	41°40.0'N 124°17.1'W

18007	27Ed. 6/21/86 LAST NM 4/87 Add	Danger circle "Unexploded Ordnance Rep (1985)"	(MCNM7881/87; CL28/87) 5/87 48°26.2'N 125°16.7'W
18007	27Ed. 6/21/86 LAST NM 5/87 Substitute	Buoy symbol for superbuoy LANBY symbol	(8/85 CG12) 7/87 40°26.5'N 124°30.0'W
18007	27Ed. 6/21/86 LAST NM 7/87 Relocate	Buoy close S to	(2/87 CG13) 8/87 46°41.8'N 124°10.8'W
18007	27Ed. 6/21/86 LAST NM 8/87 Add	Ball topmark to buoy (See 8/87-18007)	(4/87 CG13) 9/87 46°41'50.4"N 124°10'46.6"W
18007	27Ed. 6/21/86 LAST NM 9/87 Relocate	Buoy "46022" (40°45.5'N 124°30.8'W) to	(13/87 CG12) 22/87 40°44.9'N 124°30.2'W
18007	27Ed. 6/21/86 LAST NM 22/87 Add	Superbuoy ODAS "46040", yellow, Fl(4) Y 20s	(22/87 CG13) 31/87 44°46'20"N 124°17'27"W
18007	27Ed. 6/21/86 LAST NM 31/87 Add	Superbuoy ODAS "46041" yellow, Fl(4) Y 20s	(24/87 CG13) 33/87 47°24.9'N 124°31.9'W
18007	27Ed. 6/21/86 LAST NM 33/87 Delete	Ball topmark form buoys (Supersedes 9/87-18007)	(33/87 CG13) 43/87 46°51.9'N 124°14.3'W 46°41.8'N 124°10.8'W
18007	27Ed. 6/21/86 LAST NM 43/87 Change	Characteristic of superbuoy "SF" to Fl 6s Period of superbuoy "SG" to 6s	(14/88 CG11) 18/88 37°45.0'N 122°41.5'W 41°50.2'N 124°23.7'W
18007	27Ed. 6/21/86 LAST NM 18/88 Add	R Bn 316 -•••- (PA)	(5/87 CG12) 28/88 41°44.5'N 124°11.0'W
18007	27Ed. 6/21/86 LAST NM 28/88 Delete	R Bn at light	(21(399)88 Ottawa) 32/88 48°55'N 125°32'W
18007	27Ed. 6/21/86 LAST NM 32/88 Change	Buoy "J" to Y, Fl Y 4s Racon (-•••)	(28/88 CG13) 34/88 48°29.2'N 124°43.7'W
18007	27Ed. 6/21/86 LAST NM 34/88 Change	Characteristic of R Bn to -•-• (See 28/88-18007)	(39/88 CG1) 43/88 41°44.5'N 124°11.0'W
18007	27Ed. 6/21/86 LAST NM 43/88 Substitute	Buoy "SG", red, F Fl 2s HORN Racon (-••) for superbuoy	(41/88 CG11) 45/88 41°50.2'N 124°23.8'W
18007	27Ed. 6/21/86 LAST NM 45/88 Relocate	Superbuoy ODAS "46022" (40°44.9'N 124°30.2'W) to	(42/88 CG11) 47/88 40°45.7'N 124°30.3'W
18007	27Ed. 6/21/86 LAST NM 47/88 Add	Superbuoy ODAS, yellow, Fl(5) Y 20s	(50/88 CG13) 4/89 48°50'N 126°00'W
18007	27Ed. 6/21/86 LAST NM 4/89 Relocate	Superbuoy ODAS "46040" close NW to	(2/89 CG13) 6/89 44°46.8'N 124°18.1'W
18007	27Ed. 6/21/86 LAST NM 6/89 Delete	Racon from buoy "SG" (See 45/88-18007)	(13/89 CG11) 17/89 41°50.2'N 124°23.8'W
18007	27Ed. 6/21/86 LAST NM 17/89 Change	Visibility (range) of light to 17M	(13/89 CG13) 18/89 45°29.2'N 123°58.6'W
★18008	5Ed. 11/29/86 Add	NEW EDITION Purple dashed lines (recommended route) between	(DMAHTC; MCNM7785/86) N4/87 37°28'N 124°44'W 49°05'N 133°50'W

(continued on next page)

★18008	(Continued)		N 4/87
	Add	between	48°31'N 133°50'W
			37°28'N 125°07'W
		between	37°57'N 123°03'W
			39°53'N 126°31'W
		between	40°06'N 127°05'W
			37°55'N 123°05'W
		joining	48°32'N 124°59'W
			48°50'N 129°10'W
			49°30'N 130°00'W
		between	49°30'N 131°10'W
			48°30'N 130°00'W
			48°28'N 124°59'W
		Purple open-outlined-dashed arrows indicating flow of traffic oriented 330°	38°00'N 124°58'W
		330°	42°00'N 128°00'W
		330°	46°00'N 131°00'W
		150°	46°00'N 131°55'W
		150°	41°10'N 128°00'W
		150°	38°00'N 125°40'W
		305°	38°35'N 124°00'W
		305°	39°45'N 126°00'W
		125°	38°15'N 124°00'W
		276°	48°50'N 128°00'W
		320°	49°10'N 129°25'W
		142°	48°50'N 130°35'W
		091°	48°25'N 128°00'W
		Note "NOTE G US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."	42°30'N 123°05'W
		Legends "See Note G"	38°54'N 126°00'W
			39°08'N 125°15'W
			46°40'N 132°00'W
			48°37'N 128°00'W
		(Previously published N37/86)	
	Delete	R Bn at light (Previously published N52/86)	41°44.5'N 124°11.5'W
	Delete	Legends "F"	37°43.0'N 122°32.5'W
			46°11.5'N 124°14.0'W
		Light	40°47.2'N 124°10.1'W
	Change	Light to F, Fl 12s 50ft 16M HORN	48°55.0'N 125°33.5'W
		Period of buoy "CR" to 6s	46°11.0'N 124°10.9'W
		Characteristic of R Bn to -•-	49°06.8'N 125°55.3'W
		•----••	47°54.3'N 124°38.8'W
		••--	46°44.1'N 124°04.6'W
	Add	Designation "SF" to buoy	37°45.0'N 122°17.1'W
		Buoy yellow, Fl(4) Y 20s	41°40.0'N 124°17.1'W
18008	5Ed. 11/29/86 LAST NM 4/87		(MCNM7881/87; CL28/87) N5/87
	Add	Danger circle "Unexploded Ordnance Rep (1985)"	48°26.2'N 125°16.7'W
18008	5Ed. 11/29/86 LAST NM 5/87		(MCNM7762/86) N6/87
	Add	Submarine exercise areas, each bound by blue vertically hachured line (submarine operating area limit)	
		"U1" joining	37°39.0'N 122°42.0'W
			37°30.0'N 122°40.0'W
			37°35.0'N 122°56.0'W
			37°40.0'N 122°46.0'W
		"U3" joining	37°47.0'N 123°20.0'W
			38°00.0'N 123°20.0'W
			38°00.0'N 123°35.0'W
			37°47.0'N 123°35.0'W

ntinued on next page)

18008 (Continued)
Add "U4" joining N 6/87
38°04.0′N 126°35.0′W
38°23.0′N 126°28.0′W
37°38.0′N 123°42.0′W
37°38.0′N 123°25.0′W
37°32.0′N 123°25.0′W
37°32.0′N 124°42.0′W

Submarine exercise area "U2" bound by chart border and blue vertically hachured line (submarine operating area limit) joining
37°28.0′N 122°59.0′W
37°30.0′N 122°53.0′W
37°28.0′N 122°51.0′W

18008 5Ed. 11/29/86 LAST NM 6/87
Substitute Buoy symbol for superbuoy LANBY symbol (8/85 CG12) N7/87
40°26.0′N 124°29.5′W

18008 5Ed. 11/29/86 LAST NM 7/87
Relocate Buoy close S to (2/87 CG13) N8/87
46°41.8′N 124°10.8′W

18008 5Ed. 11/29/86 LAST NM 8/87
Add Ball topmark to buoy (See N8/87-18008) (4/87 CG13) N9/87
46°41′50.4″N 124°10′46.6″W

18008 5Ed. 11/29/86 LAST NM 9/87
Add Designation "SF" to buoy (See N4/87-18008) (USCG LL) N10/87
37°45.0′N 122°42.0′W

18008 5Ed. 11/29/86 LAST NM 10/87
Relocate Buoy "46022" (40°45.5′N 124°30.8′W) to (13/87 CG12) N22/87
40°44.9′N 124°30.2′W

18008 5Ed. 11/29/86 LAST NM 22/87
Add Superbuoy ODAS "46040", yellow, Fl(4) Y 20s (22/87 CG13) N31/87
44°46.3′N 124°17.5′W

18008 5Ed. 11/29/86 LAST NM 31/87
Add Superbuoy ODAS "46041" yellow, Fl(4) Y 20s (24/87 CG13) N33/87
47°24.9′N 124°31.9′W

18008 5Ed. 11/29/86 LAST NM 33/87
Delete Ball topmark from buoy (Supersedes N9/87-18008) (33/87 CG13) N43/87
46°41.8′N 124°10.8′W

18008 5Ed. 11/29/86 LAST NM 43/87
Change Characteristic of superbuoy "SF" to Fl 6s (14/88 CG11) N18/88

Period of superbuoy "SG" to 6s
37°45.0′N 122°41.5′W
41°50.2′N 124°23.7′W

18008 5Ed. 11/29/86 LAST NM 18/88
Add R Bn 316 ▬•••▬ (PA) (5/87 CG12) N28/88
41°44.5′N 124°11.0′W

18008 5Ed. 11/29/86 LAST NM 28/88
Delete R Bn at light (21(399)88 Ottawa) N32/88
48°55′N 125°32′W

18008 5Ed. 11/29/86 LAST NM 32/88
Change Buoy "J" to Y, Fl Y 4s Racon (▬▬▬) (28/88 CG13) N34/88
48°29.2′N 124°43.7′W

18008 5Ed. 11/29/86 LAST NM 34/88
Change Characteristic of R Bn to ▬•▬• (See N28/88-18008) (39/88 CG11) N43/88
41°44.5′N 124°11.0′W

18008 5Ed. 11/29/86 LAST NM 43/88
Substitute Buoy "SG", red, F Fl 2s HORN Racon (▬▬•) for superbuoy (41/88 CG11) N45/88
41°50.2′N 124°23.8′W

18008 5Ed. 11/29/86 LAST NM 45/88
Relocate Superbuoy ODAS "46022" (40°44.9′N 124°30.2′W) to (42/88 CG11) N47/88
40°45.7′N 124°30.3′W

18008 5Ed. 11/29/86 LAST NM 47/88
Delete Buoy "18" (44/88 CG11) N48/88
38°57.0′N 123°45.8′W

18008 5Ed. 11/29/86 LAST NM 48/88
Add Superbuoy ODAS, yellow, Fl(5) Y 20s (50/88 CG13) N4/89
48°50′N 126°00′W

18008	5Ed. 11/29/86 LAST NM 4/89		
	Relocate	Superbuoy ODAS "46040" close NW to	(2/89 CG13) N6/89 44°46.8′N 124°18.1′W
18008	5Ed. 11/29/86 LAST NM 6/89		
	Delete	Racon from buoy "SG" (See N45/88-18008)	(13/89 CG11) N17/89 41°50.2′N 124°23.8′W
18008	5Ed. 11/29/86 LAST NM 17/89		
	Change	Visibility (range) of light to 17M	(13/89 CG13) N18/89 45°29.2′N 123°58.6′W
★18009	1Ed. 9/14/85	NEW CHART	(DMAHTC; USCG LL; 30/85 CG12) N48/85
	Change	Buoy "2" to R, Fl BELL	38°15.0′N 123°00.0′W
		Characteristic of light "2" to Oc R 4s	36°48.3′N 121°47.3′W
	Add	Dangerous wreck (PA)	37°17.7′N 122°25.6′W
18009	1Ed. 9/14/85 LAST NM 48/85		
	Add	Blue solid line (major operating area limit) joining	(HNNM7704/86) N11/86 39°00.0′N 123°47.8′W 39°00.0′N 126°00.0′W 34°00.0′N 126°00.0′W
18009	1Ed. 9/14/85 LAST NM 11/86		
	Add	Submarine exercise areas, each bound by blue vertically hachured line (submarine operating area limit)	(MCNM7762/86) N23/86
		"U1" joining	37°39.0′N 122°42.0′W 37°30.0′N 122°40.0′W 37°35.0′N 122°56.0′W 37°40.0′N 122°46.0′W
		"U2" joining	37°25.0′N 122°50.0′W 37°20.0′N 123°00.0′W 37°24.0′N 123°04.0′W 37°30.0′N 122°53.0′W
		"U3" joining	37°47.0′N 123°20.0′W 38°00.0′N 123°20.0′W 38°00.0′N 123°35.0′W 37°47.0′N 123°35.0′W
		"U5" joining	37°17.0′N 123°04.0′W 37°22.0′N 122°45.0′W 37°08.0′N 122°35.0′W 37°06.0′N 122°51.0′W
		Submarine exercise area "U4" bound by chart border and blue vertically hachured line (submarine operating area limit) joining	37°54.2′N 126°00.0′W 37°32.0′N 124°42.0′W 37°32.0′N 123°25.0′W 37°38.0′N 123°25.0′W 37°38.0′N 123°42.0′W 38°15.4′N 126°00.0′W
18009	1Ed. 9/14/85 LAST NM 23/86		
	Add	Superbuoy ODAS "46042", yellow, Fl(4) Y 20s	(38/87 CG11) N44/87 36°45.9′N 122°13.5′W
18009	1Ed. 9/14/85 LAST NM 44/87		
	Relocate	Buoy "46042" (36°45.9′N 122°13.5′W) to (See N44/87-18009)	(50/87 CG11) N3/88 36°45.0′N 122°24.5′W
18009	1Ed. 9/14/85 LAST NM 3/88		
	Add	Wreck	(51/87 CG11) N4/88 37°23.5′N 122°53.1′W
18009	1Ed. 9/14/85 LAST NM 4/88		
	Change	Characteristic of superbuoy "SF" to Fl 6s	(14/88 CG11) N18/88 37°45.0′N 122°41.5′W
18009	1Ed. 9/14/85 LAST NM 18/88		
	Delete	Buoys "4" "4A"	(25, 26/88 CG11) N32/88 35°32.2′N 121°07.1′W 35°38.9′N 121°18.2′W
	Change	Visibility (range) of light to 15M	37°47.6′N 122°30.6′W

18009	1Ed. 9/14/85 LAST NM 32/88			
	Delete	Buoy "10A"		(29/88 CG11) N34/88
				37°32.0'N 122°33.0'W
18009	1Ed. 9/14/85 LAST NM 34/88			
	Relocate	Buoy "46012" close S to		(39/88 CG11) N43/88
				37°23.1'N 122°39.8'W
18009	1Ed. 9/14/85 LAST NM 43/88			
	Add	Dashed-line circle with legend		(MCNM1034/89) N12/89
		"Subm buoy (cov 49fms)"		
----------				36°20.0'N 122°10.9'W
★**18010**	14Ed. 8/4/84			
	Change	NEW EDITION		
		Color of buoy to red and white stripes and add ball topmark		(NOS; 32/84 CG12) 43/84
				39°13.8'N 123°47.2'W
		Color of buoy to red and white stripes and add ball topmark		
				36°48.0'N 121°48.1'W
18010	14Ed. 8/4/84 LAST NM 43/84			
	Change	Characteristic of buoys, each to Fl Y 4s		(37, 40/84 CG12) 46/84
		"C"		
		"A"		37°48.2'N 122°47.9'W
				37°39.2'N 122°39.7'W
18010	14Ed. 8/4/84 LAST NM 46/84			
	Change	Characteristic of buoy to Fl G		(43/84 CG12; CL1429/84) 49/84
				37°51.8'N 122°41.7'W
	Add	Depth 69 fathoms		
				39°44'54"N 123°59'00"W
18010	14Ed. 8/4/84 LAST NM 49/84			
	Change	Color of buoy to red and white stripes		(42/84 CG12) 4/85
				39°18.0'N 123°48.7'W
	Add	Racon to superbuoy "B"		
				40°26.5'N 124°30.0'W
18010	14Ed. 8/4/84 LAST NM 4/85			
	Change	Characteristic of buoy to Fl R		(50/84 CG12) 7/85
		Buoy to "W", yellow, Fl Y 2.5s		36°35.5'N 121°59.9'W
				37°41.5'N 122°47.5'W
18010	14Ed. 8/4/84 LAST NM 7/85			
	Change	Shape of superbuoy to buoy and delete R Bn		(8/85 CG12) 12/85
				40°26.5'N 124°30.0'W
18010	14Ed. 8/4/84 LAST NM 12/85			
	Change	Characteristic of buoy to Fl R(2+1) 6s		(12/85 CG12) 16/85
				37°47.8'N 123°10.6'W
18010	14Ed. 8/4/84 LAST NM 16/85			
	Change	Light to "8" Fl R 4s 30ft 6M HORN (June 1 to Sept 15)		(23/85 CG13) 27/85
				43°07.2'N 124°25.5'W
18010	14Ed. 8/4/84 LAST NM 27/85			
	Change	Color of buoy "46022" to yellow		(25/85 CG12) 29/85
				40°45.5'N 124°30.8'W
18010	14Ed. 8/4/84 LAST NM 29/85			
	Add	Depths 18 fathoms		(26/85 CG12) 31/85
		32 fathoms		38°01'50"N 123°25'01"W
				38°04'01"N 123°28'18"W
★**18010**	14Ed. 8/4/84 LAST NM 31/85			
	Change	Characteristic of buoy "46022" to Fl(4) Y 20s		(27/85 CG12) 32/85
				40°45.5'N 124°30.8'W
18010	14Ed. 8/4/84 LAST NM 32/85			
	Delete	Depth 11 fathoms Wk		(31/85 CG12) 36/85
				37°40.2'N 122°47.1'W
	Add	Depth 9½ fathoms Wk		
				37°40'22"N 122°47'32"W
18010	14Ed. 8/4/84 LAST NM 36/85			
	Add	Dangerous wreck		(30/85 CG12) 39/85
				37°17.7'N 122°25.6'W
18010	14Ed. 8/4/84 LAST NM 39/85			
	Add	Purple dashed lines (recommended route) between		(HNNM7457/85) 41/85
				36°05'N 123°48'W
				41°57'N 128°05'W
		between		
				42°25'N 128°05'W
				36°05'N 124°12'W
		between		
				37°57'N 123°03'W
				39°53'N 126°31'W

(continued on next page)

18010 (Continued)
Add

between 41/85

Purple open-outlined-dashed arrows indicating flow of traffic oriented 330° 40°06'N 127°05'W
330° 37°55'N 123°05'W
330°
150° 36°30'N 124°00'W
150° 37°57'N 125°00'W
150° 41°00'N 127°15'W
305° 41°00'N 127°54'W
125° 38°30'N 126°00'W
36°27'N 124°31'W
39°08'N 125°00'W
38°50'N 125°00'W

Note

"NOTE E
US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."

Legends "See Note E" 40°55'N 122°00'W

39°00'N 125°00'W
38°50'N 126°00'W

18010 14Ed. 8/4/84 LAST NM 41/85
Change Color of buoy "C" to yellow and designation to "N" (39/85 CG12) 44/85

18010 14Ed. 8/4/84 LAST NM 44/85
Delete Purple dashed line (recommended route) between 37°48.2'N 122°47.9'W

(HNNM7475/85) 45/85

(See 41/85-18010) 42°25'N 128°05'W
36°05'N 124°12'W

Add Purple dashed line (recommended route) between

41°25'N 128°05'W
36°05'N 124°12'W

18010 14Ed. 8/4/84 LAST NM 45/85
Delete HORN from buoy "B" (8/86 CG12) 13/86
40°26.5'N 124°30.0'W

18010 14Ed. 8/4/84 LAST NM 13/86
Change Color of buoy to red and white stripes and add ball topmark (18/86 CG13) 23/86

42°01.7'N 124°16.9'W

18010 14Ed. 8/4/84 LAST NM 23/86
Add Ball topmark to buoy (29/86 CG13) 36/86
43°40.1'N 124°14.0'W

18010 14Ed. 8/4/84 LAST NM 36/86
Relocate Superbuoy ODAS "NOAA 46013" close NE to (37/86 CG12) 44/86

38°13.9'N 123°18.1'W

18010 14Ed. 8/4/84 LAST NM 44/86
Delete HORN from light "2" (21, 26/86 CG12) 46/86
36°48.4'N 121°47.2'W

Change Color of buoy to green

37°51.9'N 122°41.7'W

18010 14Ed. 8/4/84 LAST NM 46/86
Change Characteristic of buoy to Fl R (46/86 CG13) 50/86
43°08.3'N 124°27.8'W

Add Ball topmark to buoy

43°22.3'N 124°23.9'W

18010 14Ed. 8/4/84 LAST NM 50/86
Delete R Bn at light (47/86 CG12) 52/86
41°44.1'N 124°11.4'W

Relocate Buoy close SW to

38°50'45"N 123°40'02"W

18010 14Ed. 8/4/84 LAST NM 52/86
Change Color of buoy to red and white stripes and add ball topmark (51/86 CG12) 4/87
40°46.3'N 124°16.0'W

Add Buoy, yellow, Fl(4) Y 20s

41°40.0'N 124°17.1'W

18010 14Ed. 8/4/84 LAST NM 4/87
Add HORN to light "2" (See 46/86-18010) (MCNM7926/87) 14/87
36°48.4'N 121°47.2'W

18010	14Ed. 8/4/84 LAST NM 14/87			
	Relocate	Buoy "46022" (40°45'30"N 124°30'48"W) to		(13/87 CG12) 22/87
				40°44'55"N 124°30'10"W
18010	14Ed. 8/4/84 LAST NM 22/87			
	Change	Color of buoy to red and white stripes		(19/87 CG11) 26/87
				36°56.5'N 122°00.5'W
18010	14Ed. 8/4/84 LAST NM 26/87			
	Change	Designation of buoy "A" to "S" and color to yellow		(28/87 CG11) 36/87
				37°39.2'N 122°39.7'W
18010	14Ed. 8/4/84 LAST NM 36/87			
	Add	Superbuoy ODAS "46042", yellow, Fl(4) Y 20s		(38/87 CG11) 44/87
				36°45.9'N 122°13.5'W
18010	14Ed. 8/4/84 LAST NM 44/87			
	Relocate	Buoy "46042" (36°45.9'N 122°13.5'W) to		(50/87 CG11) 3/88
		(See 44/87-18010)		36°45.0'N 122°24.5'W
18010	14Ed. 8/4/84 LAST NM 3/88			
	Add	Wreck		(51/87 CG11) 4/88
				37°23.5'N 122°53.1'W
18010	14Ed. 8/4/84 LAST NM 4/88			
	Change	Characteristic of superbuoy "SF" to Fl 6s		(14/88 CG11) 18/88
				37°45.5'N 122°41.5'W
		Period of superbuoy "SG" to 6s		41°50.2'N 124°23.7'W
18010	14Ed. 8/4/84 LAST NM 18/88			
	Add	R Bn 316 -•••- (PA)		(5/87 CG12) 28/88
				41°44.5'N 124°11.0'W
18010	14Ed. 8/4/84 LAST NM 28/88			
	Change	Visibility (range) of light to 15M		(26/88 CG11) 32/88
				37°47.8'N 122°30.6'W
18010	14Ed. 8/4/84 LAST NM 32/88			
	Delete	Buoy		(29/88 CG11) 34/88
				37°32.5'N 122°33.0'W
18010	14Ed. 8/4/84 LAST NM 34/88			
	Change	Characteristic of R Bn to -•-•- (See 28/88-18010)		(39/88 CG1) 43/88
				41°44.5'N 124°11.0'W
18010	14Ed. 8/4/84 LAST NM 43/88			
	Substitute	Buoy "SG", red, F Fl 2s HORN Racon for superbuoy		(41/88 CG11) 45/88
				41°50.2'N 124°23.8'W
18010	14Ed. 8/4/84 LAST NM 45/88			
	Relocate	Superbuoy ODAS "46022" (40°44.9'N 124°30.2'W) to		(42/88 CG11) 47/88
				40°45.7'N 124°30.3'W
18010	14Ed. 8/4/84 LAST NM 47/88			
	Delete	Buoy "18"		(44/88 CG11) 48/88
				38°57.5'N 123°45.7'W
18010	14Ed. 8/4/84 LAST NM 48/88			
	Add	Dashed-line circle with legend "Subm buoy (cov 49fms)"		(MCNM1034/89) 12/89
				36°20.0'N 122°10.9'W
18010	14Ed. 8/4/84 LAST NM 12/89			
	Delete	Racon from buoy "SG" (See 45/88-18010)		(13/49 CG11) 17/89
				41°50.2'N 124°23.8'W
★**18013**	1Ed. 12/28/85	NEW CHART		(DMAHTC) N11/86
★**18020**	32Ed. 6/6/87	NEW EDITION		(NOS; 14/87 CG12; HNNM7475/85) 36/87
	Change	Characteristic of R Bn to 310 kHz -•- -•••-		35°22.1'N 120°52.1'W
	Add	Purple dashed lines (recommended route) between		35°00.0'N 123°00.0'W
				40°35.0'N 127°00.0'W
		between		40°35.0'N 127°25.0'W
				35°00.0'N 123°23.0'W
		between		37°57.3'N 123°03.2'W
		between		39°53.0'N 126°31.5'W
				40°06.0'N 127°05.0'W
				37°54.6'N 123°05.3'W

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★18020	(Continued)		36/87
	Add	Purple open-outlined dashed arrows indicating flow of traffic oriented	
		330.1°	36°00.0'N 123°38.0'W
		330.1°	40°20.0'N 126°40.0'W
		150.1°	38°28.0'N 126°00.0'W
		150.1°	36°00.0'N 124°13.0'W
		305.2°	38°40.0'N 124°00.0'W
		125.2°	38°20.0'N 124°00.0'W
		Note "NOTE H US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."	39°30.0'N 121°00.0'W
		Legends "See Note H"	38°45.0'N 124°30.0'W 37°05.0'N 124°40.0'W
18020	32Ed. 6/6/87 LAST NM 36/87		(26/87 CG11) 37/87
	Delete	Light flare symbol	33°14.0'N 117°22.5'W
	Change	R Bn to 325 kHz •—•• •—	33°42.5'N 118°15.0'W
	Add	R Bn 302 kHz •••— at light	33°44.5'N 118°24.6'W
		HORN at light	38°00.0'N 123°01.0'W
18020	32Ed. 6/6/87 LAST NM 37/87		(38/87 CG11) 44/87
	Add	Superbuoy ODAS "46042", yellow, Fl(4) Y 20s	36°45.9'N 122°13.5'W
18020	32Ed. 6/6/87 LAST NM 44/87		(46/87 CG11) 51/87
	Delete	Buoy	34°06.5'N 120°31.6'W
18020	32Ed. 6/6/87 LAST NM 51/87		(50/87 CG11) 3/88
	Relocate	Buoy "46042" (36°45.9'N 122°13.5'W) to (See 44/87-18020)	36°45.0'N 122°24.5'W
18020	32Ed. 6/6/87 LAST NM 3/88		(MCNM8031/87) 17/88
	Add	Position circle with legend "TACAN NAVY SAN DIEGO CHANNEL 86"	32°52.8'N 118°26.4'W
18020	32Ed. 6/6/87 LAST NM 17/88		(14/88 CG11) 18/88
	Change	Characteristic of superbuoy "SF" to 6s	37°45.0'N 122°41.5'W
18020	32Ed. 6/6/87 LAST NM 18/88		(14/88 CG11) 21/88
	Change	Characteristic of superbuoy "SF" to Fl 6s (Cancels 18/88-18020)	37°45.0'N 122°41.5'W
18020	32Ed. 6/6/87 LAST NM 21/88		(30/88 CG11) 34/88
	Change	Visibility (range) of light to 15M	33°42.5'N 118°15.0'W
18020	32Ed. 6/6/87 LAST NM 34/88		(33/88 CG11) 37/88
	Add	Buoy, yellow, Q Y (Priv maintd)	32°42.1'N 117°29.4'W
18020	32Ed. 6/6/87 LAST NM 37/88		(50/88 CG11) 1/89
	Delete	Buoy (Supersedes 37/88-18020)	32°42.1'N 117°29.4'W
18020	32Ed. 6/6/87 LAST NM 1/89		(3/89 CG11) 7/89
	Change	Buoy to Fl Y (Navy maintd)	33°55.2'N 119°44.6'W
18020	32Ed. 6/6/87 LAST NM 7/89		(MCNM1034/89) 12/89
	Add	Dashed-line circle with legend "Subm buoy (cov 49fms)"	36°20.0'N 122°10.9'W
18020	32Ed. 6/6/87 LAST NM 12/89		(9/89 CG11) 13/89
	Substitute	Dashed-line circle with legend "Obstr (cov 133fms)" for buoy	33°58.3'N 119°06.7'W
18020	32Ed. 6/6/87 LAST NM 13/89		(12/89 CG11) 16/89
	Add	Buoys, yellow, Fl Y	32°46.4'N 117°21.4'W 32°48.0'N 117°33.1'W

18020 32Ed. 6/6/87 LAST NM 16/89

Add	Depth 51 fathoms "Rep (1988)" (PA)		(CL436/89) 23/89 32°49.5'N 117°49.4'W

★18022 26Ed. 2/27/88

NEW EDITION (HNNM7457/85; MCNM8031/87; 14/88 CG11; NOS) 20/88

Change	Characteristic of superbuoy "SF" to Fl 6s	37°45.0'N 122°41.5'W
Add	Position circle with legend "TACAN NAVY SAN DIEGO CHANNEL 86"	32°52.8'N 118°26.4'W
	Purple dashed lines (recommended route) between	35°00.0'N 123°00.0'W 38°05.0'N 125°12.0'W
	between	38°05.0'N 125°34.0'W 35°00.0'N 123°23.0'W
	between	37°57.3'N 123°03.2'W 38°05.0'N 123°18.0'W
	between	38°05.0'N 123°25.0'W 37°54.6'N 123°05.3'W
	Purple open-outlined-dashed arrows indicating flow of traffic oriented	
	330.1°	36°17.0'N 123°49.0'W
	330.1°	37°55.0'N 125°00.0'W
	150.1°	37°10.0'N 125°00.0'W
	150.1°	35°45.0'N 124°00.0'W
	305.2°	38°03.0'N 123°10.0'W
	125.2°	37°57.0'N 123°15.0'W
	Note "NOTE K US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."	
	Legend "See Note K"	36°15.0'N 117°00.0'W
		36°00.0'N 123°55.0'W 38°03.0'N 123°15.0'W

18022 26Ed. 2/27/88 LAST NM 20/88

Add	Buoy, yellow, Fl Y 4s (Navy maintd)	(17/88 CG11) 21/88 33°40.7'N 119°11.2'W

18022 26Ed. 2/27/88 LAST NM 21/88

Delete	Buoy (See 21/88-18022)	(20/88 CG11) 24/88 33°40.7'N 119°11.2'W
Add	Obstruction (covered 20 fathoms) with legend "Subm buoy"	33°40.7'N 119°11.2'W

18022 26Ed. 2/27/88 LAST NM 24/88

Delete	Light	(22/88 CG11) 28/88 32°46.5'N 117°16.0'W

18022 26Ed. 2/27/88 LAST NM 28/88

Change	Visibility (range) of light to 15M	(26/88 CG11) 32/88 37°47.8'N 122°30.6'W

18022 26Ed. 2/27/88 LAST NM 32/88

Delete	Buoy	(29, 30/88 CG11) 34/88 37°32.2'N 122°33.0'W
Change	Visibility (range) of light to 15M	33°42.5'N 118°15.0'W

18022 26Ed. 2/27/88 LAST NM 34/88

Change	Characteristic of light to Fl R 5s and visibility (range) to 14M	(33/88 CG11; USCG LL) 37/88
Add	Buoy, yellow, QY (Priv maintd)	33°12.2'N 117°23.8'W 32°42.1'N 117°29.4'W

18022 26Ed. 2/27/88 LAST NM 37/88

Change	Color of buoy to yellow	(35/88 CG11) 40/88 33°37.8'N 118°05.1'W

18022 26Ed. 2/27/88 LAST NM 40/88

Relocate	Buoy (32°44.5'N 117°22.2'W) to	(36/88 CG11) 41/88 32°44.0'N 117°20.7'W

18022	26Ed. 2/27/88 LAST NM 41/88		(50/88 CG11) 1/89
	Delete	Buoy (See 37/88-18022)	32°42.1'N 117°29.4'W
18022	26Ed. 2/27/88 LAST NM 1/89		(3/89 CG11) 7/89
	Delete	Buoys "2" (undesignated)	33°55.0'N 119°44.1'W 33°55.1'N 119°43.9'W
	Add	Buoy Fl Y (Navy maintd)	33°55.2'N 119°44.6'W
18022	26Ed. 2/27/88 LAST NM 7/89		(MCNM1034/89) 12/89
	Add	Dashed-line circle with legend "Subm buoy (cov 49fms)"	36°20.0'N 122°10.9'W
18022	26Ed. 2/27/88 LAST NM 12/89		(9/89 CG11) 13/89
	Substitute	Dashed-line circle with legend "Obstr (cov 133fms)" for buoy	33°58.3'N 119°06.7'W
18022	26Ed. 2/27/88 LAST NM 13/89		(10/89 CG11) 14/89
	Delete	Buoy (Supersedes 41/88-18022)	32°44.0'N 117°20.7'W
	Add	Buoy, yellow, Fl(5) Y 20s (Priv maintd)	32°43.4'N 117°21.2'W
18022	26Ed. 2/27/88 LAST NM 14/89		(12/89 CG11) 16/89
	Add	Buoys, each yellow, Fl Y 4s (Priv maintd) "A" "B"	 32°46.4'N 117°21.4'W 32°48.0'N 117°33.1'W
18022	26Ed. 2/27/88 LAST NM 16/89		(CL436/89) 23/89
	Add	Depth 51 fathoms "Rep (1988)" (PA)	32°49.5'N 117°49.4'W
★18400	35Ed. 11/22/86	NEW EDITION	(NOS) 7/87
	Change	Light to Fl G 4s 6M (Previously published 52/86)	48°32.1'N 122°57.7'W
★18400	35Ed. 11/22/86 LAST NM 7/87		(NOS) 8/87
	Delete	Light	49°18'00"N 124°08'00"W
	Change	Characteristic of buoy "VD" to Q(6) + L Fl 15s	48°27'06"N 123°10'46"W
		Buoy "VH" to yellow, Fl Y Racon (•••)	48°22'32"N 123°23'29"W
		Characteristic of lights to Fl Fl G	48°35'54"N 123°00'48"W 48°35'22"N 123°00'45"W
		Designation of buoy "UH" to "U41"	49°01'33"N 123°34'53"W
	Add	Light flare symbol to light dot	49°17.3'N 124°07.8'W
18400	35Ed. 11/22/86 LAST NM 8/87		(9/87 CG13) 14/87
	Change	Visibility (range) of light to 15M	48°08.5'N 123°24.5'W
18400	35Ed. 11/22/86 LAST NM 14/87		(11/87 CG13) 17/87
	Substitute	Buoy, orange and white can, for beacon	48°46.0'N 122°52.3'W
18400	35Ed. 11/22/86 LAST NM 17/87		(14, 15/87 CG13) 23/87
	Relocate	Buoy close N to	48°24'04"N 122°42'53"W
	Change	Color of buoys, each to green "13" "3"	 48°36.0'N 122°46.7'W 48°31.3'N 122°59.3'W
		Buoy to yellow, Fl Y 6s BELL Racon -•-	48°21.1'N 123°02.6'W
18400	35Ed. 11/22/86 LAST NM 23/87		(15/87 CG13) 25/87
	Change	Color of buoy "3" to green (See 23/87-18400)	48°31.3'N 122°39.3'W
18400	35Ed. 11/22/86 LAST NM 25/87		(33/87 CG13) 43/87
	Delete	Legend "ECHO BOARD"	48°35.1'N 123°02.6'W
18400	35Ed. 11/22/86 LAST NM 43/87		(42/87 CG13) 48/87
	Relocate	Buoy "6" close SW to	48°27.5'N 122°42.8'W

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18400	35Ed. 11/22/86 LAST NM 48/87		
	Change	Color of buoy to red and green bands (topmost band red) (See 23/87-18400)	(4/88 CG13) 9/88 48°24.1'N 122°42.9'W
★18400	35Ed. 11/22/86 LAST NM 9/88		
	Relocate	Buoy "2D" (48°24.8'N 124°44.8'W) to and change characteristic to Fl R 4s	(3, 5/88 CG13) 10/88 48°24.9'N 124°44.9'W
	Change	Color of buoy "5" to green	48°13.2'N 122°46.9'W
18400	35Ed. 11/22/86 LAST NM 10/88		
	Change	Color of buoy "3" to green	(9/88 CG13) 14/88 48°25.6'N 122°58.5'W
18400	35Ed. 11/22/86 LAST NM 14/88		
	Relocate	Buoy (48°46.0'N 122°52.3'W) to	(21/88 CG13) 27/88 48°45.8'N 122°52.0'W
18400	35Ed. 11/22/86 LAST NM 27/88		
	Change	Color of buoy "5" to green	(27, 28/88 CG13) 34/88 48°31.4'N 122°38.3'W
		Fog signal of buoy "B" to BELL	48°47.1'N 122°48.9'W
		Buoy "J" to Y, Fl Y 4s Racon (–••–)	48°29.2'N 124°43.7'W
18400	35Ed. 11/22/86 LAST NM 34/88		
	Change	Characteristic of Racon to (–••)	(34(640)88 Ottawa) 44/88 49°05.3'N 123°18.5'W
18400	35Ed. 11/22/86 LAST NM 44/88		
	Change	Color of buoys, each to yellow "CA" "SA"	(45/88 CG13) 52/88 48°45.3'N 122°46.4'W 48°11.4'N 122°49.7'W
18400	35Ed. 11/22/86 LAST NM 52/88		
	Change	Color of buoy "5" to green	(49/88 CG13) 1/89 48°44.1'N 122°41.1'W
18400	35Ed. 11/22/86 LAST NM 1/89		
	Change	Color of buoy "R" to yellow	(33/88 CG13) 2/89 48°16.4'N 123°06.6'W
18400	35Ed. 11/22/86 LAST NM 2/89		
	Change	Visibility (range) of light to 17M	(19/89 CG13) 24/89 48°19.1'N 122°50.5'W
★18401	11Ed. 7/6/85	NEW EDITION	(DMAHTC) 37/85
18401	11Ed. 7/6/85 LAST NM 37/85		
	Relocate	Buoy "NAVY" close SE to and change color to yellow	(34(820)85 Ottawa) 41/85 49°17'33"N 124°05'36"W
18401	11Ed. 7/6/85 LAST NM 41/85		
	Delete	Buoys	(42(1045)86; 12(207)87 Ottawa) 16/87 49°18'04"N 124°09'31"W 49°17'31"N 124°07'35"W 49°17'03"N 124°07'05"W
	Add	Beacons, orange and white orange and white green	49°17'55.2"N 124°07'50.4"W 49°18'22.9"N 124°07'33.2"W 49°18'06.5"N 124°12'03.0"W
18401	11Ed. 7/6/85 LAST NM 16/87		
	Relocate	Buoy (mooring) "4" close NE to	(43(834)87 Ottawa) 8/88 49°15'40"N 124°08'58"W
★18402	21Ed. 10/6/84	NEW EDITION	(DMAHTC) 3/85
18402	21Ed. 10/6/84 LAST NM 3/85		
	Change	Characteristic of light to F Fl 5s	(2(68)85 Ottawa) 16/85 49°12'33.5"N 123°48'24.5"W
★18402	21Ed. 10/6/84 LAST NM 16/85		
	Delete	Note "WARNING...significance"	(DMAHTC, 3(94)86 Ottawa) 9/86
		Buoy "PL"	49°08'12"N 123°59'30"W 49°12'42"N 123°55'40"W
	Add	Buoys "PL", BYB, double cone topmark bases together, Q(3) 10s "P15", G, can	49°12'44.0"N 123°55'52.5"W 49°12'56.5"N 123°55'57.0"W
18402	21Ed. 10/6/84 LAST NM 9/86		
	Add	Buoys (mooring)	(17(382)86 Ottawa) 33/86 49°08'17.0"N 123°49'58.0"W 49°08'17.0"N 123°49'42.5"W

18402 21Ed. 10/6/84 LAST NM 33/86
Add Lights FR (Priv)
FG (Priv)

18402 21Ed. 10/6/84 LAST NM 15/87
Change Light to Iso 2s

18402 21Ed. 10/6/84 LAST NM 27/87
Add Buoy "PE" BY, spar,
double cone topmark points upward

Buoy "PO" R, spar

18402 21Ed. 10/6/84 LAST NM 45/87
Change Color of buoy (mooring) to black

Characteristic of lights to F

Add Submarine pipeline between

Buoys (mooring) black (Priv)

18402 21Ed. 10/6/84 LAST NM 44/88
Delete Lights

Change Color of buoy (mooring) to black

Add Buoy (mooring)
Position circle "Tr R Lts"

18403 20Ed. 1/23/88 NEW EDITION
Delete Position dot and legend "Fl G"

18403 20Ed. 1/23/88 LAST NM 16/88
Change Characteristic of range lights,
front to Iso G 1.5s
rear to Iso G 2s

18405 11Ed. 1/9/88 NEW EDITION

18405 11Ed. 1/9/88 LAST NM 12/88
Add Submerged rock covered 3 meters

18405 11Ed. 1/9/88 LAST NM 35/88
Relocate Buoy (mooring) close E to

18406 4Ed. 4/23/88 NEW EDITION

18406 4Ed. 4/23/88 LAST NM 26/88
Relocate Buoy (mooring) close E to

18407 5Ed. 8/24/85 NEW EDITION

18408 3Ed. 8/20/83 NEW EDITION

18408 3Ed. 8/20/83 LAST NM 46/83
Add Buoys white and orange bands, Q

18408 3Ed. 8/20/83 LAST NM 49/86
Change Legend to
"OVHD PWR CAB CL 44m"

18408 3Ed. 8/20/83 LAST NM 16/87
Change Color of beacons to G
G
R

(11(190)87 Ottawa) 15/87
49°08'54.5"N 123°52'33.0"W
49°08'58.0"N 123°52'38.0"W

(13(227)87 Ottawa) 27/87
49°10'13"N 123°55'09"W

(27(491)87 Ottawa) 45/87

49°12'39"N 123°48'48"W

49°12'21"N 123°48'45"W

(33(626)88 Ottawa) 44/88
49°08'26"N 123°50'34"W

49°08'33.7"N 123°52'03.3"W
49°08'34.8"N 123°52'05.7"W

49°08'37.9"N 123°52'09.7"W
49°08'35.5"N 123°52'13.0"W

49°08'52.2"N 123°52'28.2"W
49°09'01.2"N 123°52'41.0"W

(8(181)89 Ottawa) 16/89
49°08'33.7"N 123°52'03.3"W
49°08'34.8"N 123°52'05.7"W

49°08'24.8"N 123°51'12.5"W

49°08'25.3"N 123°51'36.0"W
49°09'13.1"N 123°50'29.8"W

(DMAHTC) 16/88
49°09'49"N 123°55'11"W

(47(927)88 Ottawa) 4/89

49°09'57"N 123°55'43"W
49°09'56"N 123°55'49"W

(DMAHTC) 12/88

(27(500)88 Ottawa) 35/88
49°17'36.1"N 123°07'29.0"W

(43(824)88 Ottawa) 52/88
49°18'31"N 123°09'47"W

(DMAHTC) 26/88

(43(824)88 Ottawa) 52/88
49°18'31"N 123°09'47"W

(DMAHTC) 45/85

(DMAHTC) 46/83

(44(1111)86 Ottawa) 49/86
49°19'42"N 122°56'06"W
49°19'12"N 122°54'42"W

(12(211)87 Ottawa) 16/87

49°17'30"N 122°54'58"W

(13(229)87 Ottawa) 27/87
49°17'06"N 122°51'00"W
49°17'01"N 122°50'54"W
49°17'00"N 122°50'57"W

18408 . 3Ed. 8/20/83 LAST NM 27/87 (21(363)87 Ottawa) 29/87

Add (Plan) Light Fl R 49°21'04"N 122°53'21"W

★18409 6Ed. 8/11/84 NEW EDITION (DMAHTC) 45/84

18409 6Ed. 8/11/84 LAST NM 45/84 (36(844)84 Ottawa) 5/85

Add Solid line with legend "OVHD PWR CAB Cl 22m" between 49°11'49.5"N 122°55'19.8"W
49°11'51.8"N 122°55'18.3"W

18409 6Ed. 8/11/84 LAST NM 5/85 (27(687)85 Ottawa) 31/85

Delete (Plan A) Bn 49°06'01.5"N 123°08'55.5"W

18409 6Ed. 8/11/84 LAST NM 31/85 (Can CH 3409) 6/86

Add Double dashed line, 30 meters wide, with land tint, "Under constr 1985" between 49°09'44.6"N 122°56'33.2"W
49°09'28.0"N 122°56'25.8"W

18409 6Ed. 8/11/84 LAST NM 6/86 (3(95)86 Ottawa) 9/86

Delete Bn 49°06'43"N 123°09'03"W

18409 6Ed. 8/11/84 LAST NM 9/86 (9(208)86 Ottawa) 17/86

Relocate Buoy "S26" close SW to 49°07'31.5"N 123°04'03.0"W

18409 6Ed 8/11/84 LAST NM 17/86 (16(362)86 Ottawa) 21/86

Change Legends to
"CL 24m"
"OVHD PWR CAB CL 53m" 49°09'40"N 122°59'03"W
49°09'18"N 122°58'56"W

18409 6Ed. 8/11/84 LAST NM 21/86 (32(766)86 Ottawa) 40/86

Delete Light 49°10'54"N 122°55'03"W

Change Characteristic of lights to QR 49°10'50"N 122°55'05"W
Fl(2) R 49°10'58"N 122°55'01"W
Fl(3) R 49°11'48"N 122°54'24"W

18409 6Ed. 8/11/84 LAST NM 40/86 (31(750)86 Ottawa) 42/86

Relocate Buoy "S2" close SE to 49°06'10.7"N 123°17'56.9"W

18409 6Ed. 8/11/84 LAST NM 42/86 (49(1235, 1236)86 Ottawa) 17/87

Relocate Buoys "S19" close NE to 49°06'59.0"N 123°10'39.0"W
"S12" close SE 49°07'44.6"N 123°13'21.0"W

Add Legend "(56m)" 49°09'36"N 122°56'32"W

18409 6Ed. 8/11/84 LAST NM 17/87 (13(226)87 Ottawa) 27/87

Change Range lights,
front to QY 8m 49°09'12"N 122°57'08"W
rear to Iso Y 2s 13m 49°09'09"N 122°57'12"W

front to QY 8m 49°09'17"N 122°56'38"W
rear to Iso Y 2s 20m 49°09'16"N 122°56'28"W

18409 6Ed. 8/11/84 LAST NM 27/87 (9(175)88 Ottawa) 21/88

Change Buoy "S38" to R, Fl R 49°12'37"N 122°53'21"W

18409 6Ed. 8/11/84 LAST NM 21/88 (22(420)88 Ottawa) 32/88

Relocate Buoy "SK" close S to 49°12'49"N 122°53'23"W

18409 6Ed. 8/11/84 LAST NM 32/88 (29(551)88 Ottawa) 40/88

Delete Buoys "S38" 49°12'36"N 122°53'21"W
"S40" 49°12'43"N 122°53'11"W

Add Buoys "S38" R, conical 49°12'36"N 122°53'20"W
"S40" R, conical, Fl R 49°12'43"N 122°53'10"W

18409 6Ed. 8/11/84 LAST NM 40/88 (35(676)88 Ottawa) 45/88

Delete Fog signal from light 49°07'28.3"N 123°11'44.0"W

★18411 Ed. 8/12/88 NEW EDITION (DMAHTC) N51/88

18411 Ed. 8/12/88 LAST NM 51/88 (8(181)89 Ottawa) N16/89

Delete Position circle "Tr" 49°09'13"N 123°50'36"W
Add Position circle "Tr (R Lts)" 49°09'13"N 123°50'30"W

★18412	10Ed. 7/16/88	NEW EDITION	(DMAHTC) 40/88
18412	10Ed. 7/16/88 LAST NM 40/88		(50(983)88 Ottawa) 7/89
		(Plan C)	
	Add	Submarine cable joining	48°53'06"N 123°19'12"W
			48°53'05"N 123°18'53"W
			48°53'06"N 123°18'48"W
			48°53'10"N 123°18'44"W
			48°53'12"N 123°18'46"W
			48°53'14"N 123°18'55"W
			48°53'14"N 123°18'57"W
★18413	14Ed. 5/3/86	NEW EDITION	(DMAHTC) 30/86
18413	14Ed. 5/3/86 LAST NM 30/86		(42(1047)86 Ottawa) 16/87
	Add	Buoy "U52", R, spar	48°46'36"N 123°16'09"W
18413	14Ed. 5/3/86 LAST NM 16/87		(49(1239)86 Ottawa) 17/87
	Substitute	Light Fl(2) R for beacon	48°48'42"N 123°19'20"W
18413	14Ed. 5/3/86 LAST NM 17/87		(8(169)88 Ottawa) 21/88
	Add	Buoy "U57" G, spar	48°47'54"N 123°18'29"W
18413	14Ed. 5/3/86 LAST NM 21/88		(41(790)88 Ottawa) 50/88
	Add	Depth 3 meters enclosed by depth contour (10-meter)	48°57'22"N 123°35'07"W
18413	14Ed. 5/3/86 LAST NM 50/88		(49(957)88 Ottawa) 6/89
	Change	Bn to red, Ra Ref	48°56'26"N 123°39'40"W
18413	14Ed. 5/3/86 LAST NM 6/89		(8(183)89 Ottawa) 16/89
	Add	Light, FY, Ra Ref	48°51'57"N 123°38'10"W
		Submarine pipeline between	48°51'59"N 123°38'21"W
			48°52'05"N 123°38'12"W
★18414	8Ed. 8/3/85	NEW EDITION	(DMAHTC; Can LL) 42/85
		(Plan C)	
	Relocate	Light close SE to (Previously published 31/85)	48°47'57.4"N 123°33'41.0"W
		(Plan A)	
	Change	Visibility (range) of light to 5M	48°48'07"N 123°22'50"W
18414	8Ed. 8/3/85 LAST NM 42/85		(41(982)85 Ottawa) 46/85
		(Plan C & D)	
	Relocate	Buoy "U27" close SE to	48°45'27.5"N 123°35'42.0"W
18414	8Ed. 8/3/85 LAST NM 46/85		(3(76)88 Ottawa) 11/88
		(Plan C)	
	Add	Buoy, white and orange, Fl Y	48°48'24"N 123°35'45"W
★18415	7Ed. 2/8/86	NEW EDITION	(DMAHTC) 19/86
18415	7Ed. 2/8/86 LAST NM 19/86		(31(743)86 Ottawa) 42/86
	Add	Light Fl G	48°38'18"N 123°17'48"W
18415	7Ed. 2/8/86 LAST NM 42/86		(40(977)86 Ottawa) 46/86
	Add	Light Fl R	48°39'18"N 123°19'18"W
18415	7Ed. 2/8/86 LAST NM 46/86		(42(1047, 1064)86 Ottawa) 16/87
	Substitute	Light Fl G for beacon	48°41'15"N 123°29'18"W
	Add	Buoy "U52", R, spar	48°46'36"N 123°16'09"W
18415	7Ed. 2/8/86 LAST NM 16/87		(31(600)87 Ottawa) 4/88
	Delete	Buoy	48°48'53"N 123°28'41"W
	Add	Buoy "U24", red spar	48°40'55"N 123°28'36"W
18415	7Ed. 2/8/86 LAST NM 4/88		(48(942)87 Ottawa) 6/88
	Add	Buoy (mooring)	48°39'19"N 123°28'00"W
18415	7Ed. 2/8/86 LAST NM 6/88		(33(639)87 Ottawa) 15/88
	Add	Rock "Uncov 0.6m"	48°40'29"N 123°18'56"W

18415 7Ed. 2/8/86 LAST NM 15/88
Delete — Buoy (31(600)87 Ottawa) 20/88
(See 4/88-18415) 48°40'53"N 123°28'41"W

18415 7Ed. 2/8/86 LAST NM 20/88
Add — Buoy "U57" G, spar (8(169)88 Ottawa) 21/88
48°47'54"N 123°18'29"W

★18416 5Ed. 5/18/85 NEW EDITION
Delete — Bn (DMAHTC) 30/85
(Previously published 21/85) 48°25'09"N 123°17'15"W

Add — Buoy "V25", G, spar 48°25'07"N 123°17'13"W
S. cardinal buoy: "VE", YB, spar 48°24'27"N 123°17'50"W
(Previously published 21/85)

18416 5Ed. 5/18/85 LAST NM 30/85
Add — Racon to buoy "VD" (39(936)85 Ottawa) 44/85
48°27'06"N 123°10'46"W

18416 5Ed. 5/18/85 LAST NM 44/85
Change — Buoy to "VH", Y, Fl Y Racon (9(201, 206)86 Ottawa) 17/86
48°22'32"N 123°23'29"W

Add — "Fishing Prohibited Area" bound by purple composite line joining
48°25'40"N 123°26'24"W
48°25'40"N 123°26'40"W
48°25'55"N 123°26'40"W
48°25'55"N 123°26'24"W

18416 5Ed. 5/18/85 LAST NM 17/86
Delete — Wreck (11(247)86 Ottawa) 19/86
48°22'31.0"N 123°26'14.0"W

Add — Wrecks
48°23'05.8"N 123°25'29.7"W
48°22'31.2"N 123°26'02.4"W

18416 5Ed. 5/18/85 LAST NM 19/86
Change — Buoys "V25" to G, can (47(1192), 51(1305)86 Ottawa) 6/87
"V27" to "VK", BY, 48°25'07"N 123°17'13"W
double cone topmark points upward, Q
48°26'53"N 123°14'18"W

18416 5Ed. 5/18/85 LAST NM 6/87
Change — Buoy to yellow, Fl Y BELL Racon (14/87 CG13) 33/88
48°21'07"N 123°02'40"W

18416 5Ed. 5/18/85 LAST NM 33/88
Add — "Spoil Area" bound by dashed-line circle, radius 0.5 mile, centered (44(842)88 Ottawa) 2/89
48°22'18"N 123°21'48"W

★18418 5Ed. 4/8/89 NEW EDITION (DMAHTC) 25/89

★18419 10Ed. 1/23/88 NEW EDITION (DMAHTC) 15/88

18419 10Ed. 1/23/88 LAST NM 15/88
Delete — Legend "Fog Sig" (14(270)88 Ottawa) 25/88
48°25'27"N 123°23'28"W

18419 10Ed. 1/23/88 LAST NM 25/88
Relocate — Buoy (mooring) "NAVY" close SW to (28(528)88 Ottawa) 40/88
48°25'05"N 123°24'59"W

18419 10Ed. 1/23/88 LAST NM 40/88
Add — Submarine cable between (light) (4(102)89 Ottawa) 15/89
(light) 48°25'26.3"N 123°23'00.0"W
48°25'32.6"N 123°22'58.7"W

joining (light)
(light) 48°25'26.3"N 123°23'00.0"W
(light) 48°25'28.9"N 123°22'33.4"W
48°25'32.7"N 123°22'25.0"W

joining (light) 48°25'26.3"N 123°23'00.0"W
48°25'27.0"N 123°23'01.0"W
48°25'27.3"N 123°23'03.0"W
(light) 48°25'26.8"N 123°23'11.0"W
(light) 48°25'25.1"N 123°23'15.5"W
48°25'27.4"N 123°23'30.0"W

★18420 1Ed. 3/1/86 NEW CHART (DMAHTC) 22/86

18420	1Ed. 3/1/86 LAST NM 22/86		
	Change	Characteristic of lights to QR QG	(5(121)89 Ottawa) 14/89 48°41'25.0"N 123°24'41.5"W 48°41'24.5"N 123°24'27.5"W
★18421	34Ed. 9/27/86	NEW EDITION	
	Add	Light Fl R (Previously published 46/86)	(NOS; 40/86 CG13) 3/87 48°39'18"N 123°19'18"W
	Change	Characteristic of light "2" to Fl R 4s (Previously published 50/86)	48°47.2'N 122°42.7'W
	Change	Light to Fl G (Previously published 52/86)	48°32.1'N 122°57.8'W
	Change	(Inset) Color of buoy "1" to green	48°59'45"N 122°46'42"W
★18421	34Ed. 9/27/86 LAST NM 3/87		
	Change	Characteristic of buoy "VE" to Q(6) + L Fl 15s Buoy "VH" to yellow, Fl Y Racon (•••) Color of buoy to green	(NOS) 8/87 48°27'06"N 123°10'46"W 48°22'32"N 123°23'29"W 48°32'26"N 123°00'36"W
	Add	Characteristic Fl to light	48°35'54"N 123°00'48"W
18421	34Ed. 9/27/86 LAST NM 8/87		
	Change	Color of buoy "3" to green	(4/87 CG13) 9/87 48°35.1'N 123°10.3'W
18421	34Ed. 9/27/86 LAST NM 9/87		
	Delete	Bn	(11/87 CG13) 17/87 48°46'00"N 122°52'18"W
	Add	Buoy, orange and white bands, can	48°46'02"N 122°52'17"W
★18421	34Ed. 9/27/86 LAST NM 17/87		
	Relocate	Buoy close N to	(14, 15/87 CG13) 23/87 48°24'04"N 122°42'53"W
	Change	Color of buoys, each to green "13" "3"	48°36.0'N 122°46.7'W 48°31.3'N 122°39.3'W
		Buoy to yellow, Fl Y 6s BELL Racon -•-	48°21.1'N 123°02.6'W
18421	34Ed. 9/27/86 LAST NM 23/87		
	Change	Characteristic of Racon to •••-	(16/87 CG13; 14(238)87 Ottawa) 27/87 48°22.6'N 123°23.5'W
	Add	Lights Fl Y 6s (Priv maintd)	48°24'30"N 122°33'36"W 48°24'26"N 122°33'30"W
18421	34Ed. 9/27/86 LAST NM 27/87		
	Relocate	Buoy "4" close E to	(21/87 CG13) 31/87 48°41'41"N 122°38'12"W
18421	34Ed. 9/27/86 LAST NM 31/87		
	Delete	Legend "ECHO BOARD"	(33/87 CG13) 43/87 48°35.1'N 123°01.8'W
18421	34Ed. 9/27/86 LAST NM 43/87		
	Change	Color of buoy "1" to green	(35/87 CG13) 47/87 48°21'43"N 122°33'13"W
18421	34Ed. 9/27/86 LAST NM 47/87		
	Relocate	Buoy "6" close SW to	(42/87 CG13) 48/87 48°27'29"N 122°42'51"W
★18421	34Ed. 9/27/86 LAST NM 48/87		
	Relocate	Buoy "6" close NW to	(46/87 CG3) 52/87 48°19'31"N 122°30'37"W
18421	34Ed. 9/27/86 LAST NM 52/87		
	Delete	Buoy	(3, 4/88 CG13) 9/88 48°32'26"N 123°00'36"W
	Change	Color of buoy to red and green bands (topmost band red) (See 23/87-18421)	48°24'04"N 122°42'53"W
18421	34Ed. 9/27/86 LAST NM 9/88		
	Change	Color of buoy "3" to green	(9/88 CG13) 14/88 48°25'36"N 122°58'36"W

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18421	34Ed. 9/27/86 LAST NM 14/88		(CL182/88) 16/88
	Add	"Cable Area" bound by purple dashed lines between	48°35'17"N 122°57'04"W 48°35'54"N 122°56'26"W
		between	48°35'17"N 122°57'25"W 48°35'50"N 122°56'46"W
18421	34Ed. 9/27/86 LAST NM 16/88		
	Delete	Legend "(PA)" from light "9"	(16/88 CG13) 21/88 48°32'46"N 122°45'52"W
18421	34Ed. 9/27/86 LAST NM 21/88		
	Relocate	Buoy (48°46'02"N 122°52'17"W) to	(21/88 CG13) 27/88 48°45'47"N 122°52'02"W
	Add	Light "A" Fl Y 6s (Priv maintd)	48°34'54"N 122°41'00"W
★**18421**	34Ed. 9/27/86 LAST NM 27/88		
	Relocate	Buoy "6" (48°27'29"N 122°42'51"W) to (See 48/87-18421)	(27, 29/88 CG13) 34/88 48°27'29"N 122°42'50"W
	Change	Color of buoys "A" to red and green bands (topmost band red) "5" to green	48°30'42"N 122°35'36"W 48°31'23"N 122°38'23"W
		Fog signal of buoy "B" to BELL	48°47'02"N 122°48'51"W
18421	34Ed. 9/27/86 LAST NM 34/88		
	Change	Color of buoy "CA" to yellow	(45/88 CG13) 52/88 48°45'17"N 122°46'25"W
18421	34Ed. 9/27/86 LAST NM 52/88		
	Change	Color of buoy "5" to green	(49/88 CG13) 1/89 48°44'05"N 122°41'06"W
18421	34Ed. 9/27/86 LAST NM 1/89 (And Inset)		(7/89 CG13) 11/89
	Delete	Position circle "Flag Tower"	48°59'50"N 122°45'06"W
18421	34Ed. 9/27/86 LAST NM 11/89		
	Change	Visibility (range) of light to 17M	(19/89 CG13) 24/89 48°19'07"N 122°50'33"W
★**18423**	26Ed. 12/5/87	NEW EDITION	(NOS. MCNM8049/88) 13/88
		(Page A)	
	Relocate	Buoys "6" close SW to "6" close W	48°27'28"N 122°42'55"W 48°19'30"N 122°30'42"W
	Change	Color of buoys "7" to green (undesignated) to red and green bands (topmost band red)	48°16'20"N 122°38'50"W 48°24'04"N 122°42'55"W
		(Page D, Inset 7)	
	Delete	Buoy "3"	48°32'27"N 123°00'40"W
		(Page E)	
	Delete	Light	48°01'05"N 122°51'25"W
	Change	Color of buoy "5" to green	48°13'12"N 122°47'00"W
		Line 3 of Keystone Harbor note to "Channel and 9 feet in the Mooring Basin"	48°12'10"N 122°39'00"W
		(Page E & Page F, Inset 11)	
	Delete	Light "2"	47°59'04"N 122°13'46"W
		(Page F, Inset 9)	
	Change	Characteristic of light to Q	48°06'32"N 122°45'56"W
18423	26Ed. 12/5/87 LAST NM 13/88		(9/88 CG13) 14/88
		(Page D & Page D, Inset 8)	
	Change	Color of buoy "3" to green	48°25'36"N 122°58'37"W
		(Page E)	
	Delete	Buoys (4) in vicinity	48°02'50"N 122°31'40"W

18423 26Ed. 12/5/87 LAST NM 14/88 (NOS; 10/88 CG13) 15/88

(Page E)

Relocate Light (48°02′39″N 122°32′01″W) to 48°02′41″N 122°32′02″W

Change Legend to "PRECAUTIONARY AREA 161.101-161.187 & 165.1301 (See note A)"

Line 6 of Keystone Harbor note to "October 1987" 48°01′36″N 122°38′15″W

(Page E & Page F, Inset 11) 48°12′30″N 122°39′00″W

Change Color of buoy "1" to green 47°59′24″N 122°15′07″W

(Page F, Inset 11)

Delete Buoy "4A" 47°59′13″N 122°13′38″W

(CL182/88) 16/88

18423 26Ed. 12/5/87 LAST NM 15/88

(Page C & Page C, Inset 6)

Add "Cable Area" bound by purple dashed lines between 48°35′17″N 122°57′08″W
48°35′50″N 122°56′33″W

between 48°35′17″N 122°57′27″W
48°35′50″N 122°56′50″W

(16/88 CG13) 21/88

18423 26Ed. 12/5/87 LAST NM 16/88

(Page A)

Delete Legend "(PA)" from light "9" 48°32′45″N 122°45′57″W

(21/88 CG13) 27/88

18423 26Ed. 12/5/87 LAST NM 21/88

(Page C)

Relocate Buoy (48°46′02″N 122°52′17″W) to 48°45′46″N 122°52′07″W

(25/88 CG13) 33/88

18423 26Ed. 12/5/87 LAST NM 27/88

(Page A & Page B, Inset 1)

Change Range light, front to QG 41ft 48°45′08″N 122°29′07″W

(Page C)

Delete Buoys (2) 48°40′20″N 123°09′18″W

(27, 29/88 CG13) 34/88

18423 26Ed. 12/5/87 LAST NM 33/88

(Page A)

Relocate Buoy "6" (48°27′28″N 122°42′55″W) to (See 13/88-18423) 48°27′28″N 122°42′55″W

Change Color of buoys "A" to red and green bands (topmost band red) "5" to green 48°30′41″N 122°35′37″W
48°31′26″N 122°38′25″W

(Page C)

Change Fog signal of buoy "B" to BELL 48°47′05″N 122°48′58″W

(MCNM8139/88) 36/88

18423 26Ed. 12/5/87 LAST NM 34/88

(Page D)

Delete Buoy (mooring) 48°20′20″N 123°11′36″W

(42/88 CG13) 47/88

18423 26Ed. 12/5/87 LAST NM 36/88

(Page E)

Change Color of buoy "SA" to yellow 48°11′29″N 122°49′52″W

(45/88 CG13) 52/88

18423 26Ed. 12/5/87 LAST NM 47/88

(Pages A & C)

Change Color of buoy "CA" to yellow 48°45′18″N 122°46′32″W

(Page E)

Change Color of buoy "SD" to yellow 47°57′53″N 122°34′45″W

(49/88 CG13) 1/89

18423 26Ed. 12/5/87 LAST NM 52/88

(Page A)

Change Color of buoy "5" to green 48°44′06″N 122°41′06″W

18423 26Ed. 12/5/87 LAST NM 1/89 (3/89 CG13) 7/89

(Page F, Inset 11)

Relocate — Range light, front close NE to and change height to 33ft — 47°59'33.8"N 122°13'18.1"W

Note: Characteristic and range bearing unchanged

18423 26Ed. 12/5/87 LAST NM 7/89 (7/89 CG13) 11/89

(Page B)

Delete — Position circle "Flag Tower" — 48°59'50"N 122°45'12"W

18423 26Ed. 12/5/87 LAST NM 11/89 (CL154/89) 16/89

(Page E)

Add — Obstruction "(Fish haven) (auth min depth 5fms)" bound by dotted line joining

48°11'20"N 122°32'23"W
48°11'16"N 122°32'15"W
48°11'04"N 122°32'26"W
48°11'08"N 122°32'36"W

18423 26Ed. 12/5/87 LAST NM 16/89 (CL241/89) 21/89

(Page A)

Add — Obstruction "Subm structure" (PA) — 48°17.1'N 122°34.1'W

18423 26Ed. 12/5/87 LAST NM 21/89 (19/89 CG13) 24/89

(Pages A & D)

Change — Visibility (range) of light to 17M — 48°19'06"N 122°50'38"W

★18424 22Ed. 10/8/83 NEW EDITION (NOS; 52/83 CG13) 4/84

Relocate — Buoy "6" (48°35'20"N 122°39'08"W) to (Previously published 47/83) — 48°35'25.0"N 122°39'04.3"W

Relocate — Buoy "9" close NW to — 48°37'48.7"N 122°37'03.5"W

★18424 22Ed. 10/8/83 LAST NM 4/84 (12/84 CG13) 21/84

(Inset)

Delete — Light — 48°44'39.5"N 122°29'38.2"W

★18424 22Ed. 10/8/83 LAST NM 21/84 (BP123165) 39/84

Add — Tabulation of controlling depths from back of Section I

18424 22Ed. 10/8/83 LAST NM 39/84 (30(668)84 Ottawa) 50/84

Change — Color of buoy "C" to yellow — 48°40'34"N 122°42'44"W

18424 22Ed. 10/8/83 LAST NM 50/84 (46/84 CG13) 2/85

Change — Color of buoy "5" to green — 48°33'34"N 122°34'24"W

Characteristic of buoys
"4" to Fl R 4s — 48°32'14"N 122°40'06"W
"C" to Fl Y 4s — 48°40'34"N 122°42'42"W

★18424 22Ed. 10/8/83 LAST NM 2/85 (2, 3/85 CG13) 8/85

Change — Characteristic of lights
"5" to Fl G 4s — 48°33'59"N 122°40'01"W
"2" to Oc R — 48°45'13"N 122°30'22"W
(undesignated) to Fl R — 48°45'24"N 122°30'42"W

Light "3" to Fl G 4s — 48°41'30"N 122°38'35"W

Characteristic of buoy "2" to Fl R 4s — 48°42'50"N 122°31'40"W

(Inset)

Change — Characteristic of light "2" to Fl R 4s and add visibility (range) 5M — 48°45'24"N 122°30'42"W

Light "2" to Oc R 4s 24ft 7M HORN (Bl 15s) — 48°45'13"N 122°30'22"W

★18424 22Ed. 10/8/83 LAST NM 8/85 (4/85 CG13) 9/85

Change — Characteristic of light "2" to Fl R 6s — 48°36'32"N 122°35'49"W

(Inset)

Change — Period of light "4" to 6s — 48°45'27"N 122°30'36"W

18424	22Ed. 10/8/83 LAST NM 9/85		
	Change	Characteristic of buoys	(7/85 CG13) 12/85
		"5" to Fl G 4s	48°44′06″N 122°41′06″W
		"2" to Fl R 4s	48°38′18″N 122°41′38″W
		"4" to Fl R 2.5s	48°38′20″N 122°40′00″W
		(undesignated) to Fl R(2+1)	48°45′16″N 122°43′22″W
18424	22Ed. 10/8/83 LAST NM 12/85		
	Change	Characteristic of lights	(17/85 CG13) 21/85
		"16A" to Fl R 6s	48°40′11″N 122°40′02″W
		(undesignated) to Fl G (2+1)	48°38′38″N 122°34′36″W
★18424	22Ed. 10/8/83 LAST NM 21/85		
		(And Inset)	(19/85 CG13) 23/85
	Delete	Designation "2" from light	48°44′39″N 122°29′41″W
★18424	22Ed. 10/8/83 LAST NM 23/85		
	Delete	BELL from buoy "6"	(23/85 CG13) 27/85
			48°35′25.0″N 122°39′04.3″W
★18424	22Ed. 10/8/83 LAST NM 27/85		
	Add	Tabulation of controlling depths from back of Section I	(BP125127, 123165; CL236/85) 30/85
★18424	22Ed. 10/8/83 LAST NM 30/85		
	Add	Tabulation of controlling depths from back of Section I	(CL667/85; BP126243-44) 37/85
18424	22Ed. 10/8/83 LAST NM 37/85		
	Change	Buoy to red and green bands (topmost band red), Fl(2+1) R 6s	(42/85 CG13) 46/85
			48°40′26″N 122°35′24″W
18424	22Ed. 10/8/83 LAST NM 46/85		
	Add	Lights, each Fl Y 6s (Priv maintd) (PA)	(6/86 CG13) 10/86
		"A"	48°33′15″N 122°41′01″W
		"B"	48°33′16″N 122°41′05″W
		"C"	48°33′14″N 122°41′05″W
★18424	22Ed. 10/8/83 LAST NM 10/86		
	Relocate	Buoy "6"	(28, 29/86 CG13) 36/86
		(48°35′25.0″N 122°39′04.3″W) to	48°35′27.3″N 122°39′01.6″W
	Change	Color of buoy to red and green bands (topmost band red)	48°45′16″N 122°43′24″W
★18424	22Ed. 10/8/83 LAST NM 36/86		
	Add	Tabulation of controlling depths from back of Section I	(BP129542-44, CL752/86) 46/86
18424	22Ed. 10/8/83 LAST NM 46/86		
	Change	Characteristic of light "2" to Fl R 4s	(43/86 CG13) 50/86
			48°47′13″N 122°42′39″W
★18424	22Ed. 10/8/83 LAST NM 50/86		
	Relocate	Buoy "4" close E to	(21/87 CG13) 31/87
			48°41′41″N 122°38′12″W
18424	22Ed. 10/8/83 LAST NM 31/87		
	Add	Lights Fl Y 6s (Priv maintd)	(38/87 CG13) 46/87
			48°33′25″N 122°41′06″W
			48°33′23″N 122°41′07″W
			48°33′25″N 122°41′08″W
			48°33′42″N 122°40′44″W
			48°33′44″N 122°40′40″W
18424	22Ed. 10/8/83 LAST NM 46/87		
	Delete	Light "C"	(47/87 CG13) 52/87
			48°33′14″N 122°41′05″W
★18424	22Ed. 10/8/83 LAST NM 52/87		
		(And Inset)	(25/88 CG13) 33/88
	Change	Range light, front to QG 41ft	48°45′07″N 122°29′04″W
18424	22Ed. 10/8/83 LAST NM 33/88		
	Change	Color of buoy "5" to green	(49/88 CG13) 1/89
			48°44′06″N 122°41′06″W
★18427	13Ed. 7/16/83	NEW EDITION	(NOS) 40/83
18427	13Ed. 7/16/83 LAST NM 40/83		
	Change	Characteristic of buoys, each to Fl R 4s	(46/84 CG13) 2/85
		"4"	48°26′53″N 122°42′21″W
		"4"	48°32′12″N 122°40′05″W

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18427	13Ed. 7/16/83 LAST NM 2/85 Change	Characteristic of buoy to Fl R(2+1)	(7/85 CG13) 12/85 48°31'45"N 122°43'27"W
★18427	13Ed. 7/16/83 LAST NM 12/85 Change	Characteristic of buoy "A" to Fl R(2+1)	(12/85 CG13) 16/85 48°30'42"N 122°35'33"W
18427	13Ed. 7/16/83 LAST NM 16/85 Change	Light "2" to Fl R 4s 18ft 4M	(16/85 CG13) 20/85 48°30'39"N 122°33'22"W
18427	13Ed. 7/16/83 LAST NM 20/85 Change	Characteristic of light to Fl G	(18(485)85 Ottawa) 22/85 48°24'30"N 122°39'19"W
18427	13Ed. 7/16/83 LAST NM 22/85 Change	Characteristic of buoy to Fl(2+1) R	(21/85 CG13) 25/85 48°24'02"N 122°42'54"W
★18427	13Ed. 7/16/83 LAST NM 25/85 Relocate	Light "6" close NW to	(31/85 CG13) 35/85 48°32'10.9"N 122°33'56.8"W
★18427	13Ed. 7/16/83 LAST NM 35/85 Delete	Designation "2" from light	(49/85 CG13) 1/86 48°30'35"N 122°40'57"W
★18427	13Ed. 7/16/83 LAST NM 1/86 Add	Light Fl R 4s 14ft (Priv maintd)	(20/86 CG13) 26/86 48°31'12"N 122°37'23"W
18427	13Ed. 7/16/83 LAST NM 26/86 Change	Color of buoy to red and green bands (topmost band red)	(28/86 CG13) 36/86 48°31'45"N 122°43'27"W
18427	13Ed. 7/16/83 LAST NM 36/86 Relocate	Buoy "2" close SE to	(34/86 CG13) 51/86 48°30'36.8"N 122°35'02.6"W
18427	13Ed. 7/16/83 LAST NM 51/86 Relocate	Buoy close N to	(15/87 CG13) 23/87 48°24'04"N 122°42'53"W
	Change	Color of buoy "3" to green	48°31'18"N 122°39'18"W
★18427	13Ed. 7/16/83 LAST NM 23/87 Add	Lights Fl Y 6s (Priv maintd)	(16/87 CG13) 27/87 48°24'30"N 122°33'36"W 48°24'26"N 122°33'30"W
18427	13Ed. 7/16/83 LAST NM 27/87 Change	Legends to "RESTRICTED AREA 334.1200 (see note A)"	(FED REG 10/22/85) 38/87 48°21'10"N 122°41'50"W 48°23'06"N 122°40'35"W
★18427	13Ed. 7/16/83 LAST NM 38/87 Relocate	Buoy "2" (48°30'36.8"N 122°35'02.6"W) to (Supersedes 51/86-18427)	(30/87 CG13) 41/87 48°30'37.2"N 122°35'03.3"W
★18427	13Ed. 7/16/83 LAST NM 41/87 Relocate	Buoy "4" close NW to	(35, 39/87 CG13) 47/87 48°31'11"N 122°39'07"W
	Change	Color of buoy "1" to green	48°21'43"N 122°33'14"W
18427	13Ed. 7/16/83 LAST NM 47/87 Relocate	Buoy "6" close SW to	(42/87 CG13) 48/87 48°27'29"N 122°42'51"W
18427	13Ed. 7/16/83 LAST NM 48/87 Change	Color of buoy to red and green bands (topmost band red) (See 23/87-18427)	(4/88 CG13) 9/88 48°24'04"N 122°42'53"W
18427	13Ed. 7/16/83 LAST NM 9/88 Change	Color of buoys "A" to red and green bands (topmost band red) "5" to green	(27/88 CG13) 34/88 48°30'42"N 122°35'33"W 48°31'25"N 122°38'23"W
★18428	7Ed. 4/11/81	NEW EDITION	(NOS) 23/81
★18428	7Ed. 4/11/81 LAST NM 23/81 Change	Characteristic of light "5" to Fl G 4s	(50/84 CG13) 6/85 48°16'06"N 122°38'37"W

18428	7Ed. 4/11/81 LAST NM 6/85		(39/87 CG13) 47/87
	Delete	Buoys (mooring)	48°17'25"N 122°37'05"W
		(mooring)	48°17'26"N 122°36'47"W
		(mooring)	48°17'30"N 122°36'30"W
		(mooring)	48°17'31"N 122°36'18"W
		(mooring)	48°17'33"N 122°36'04"W
18428	7Ed. 4/11/81 LAST NM 47/87		(4/88 CG13; USCG LL) 9/88
	Add	Buoy "7", green can	48°16'19"N 122°38'47"W
18428	7Ed. 4/11/81 LAST NM 9/88		(USCG LL 15/85 CG13) 27/88
	Change	Lights "8" to "12" Fl R 2.5s 22ft 3M	48°16'54.1"N 122°38'39.1"W
		"7" to "11" Fl G 6s 15ft 5M	48°16'40.2"N 122°39'03.2"W
		Designation of beacons "10" to "14"	48°16'59.6"N 122°38'04.1"W
		"6" to "10"	48°16'39.3"N 122°38'45.8"W
		Designation of buoy "4A" to "8"	48°16'24.6"N 122°38'41.1"W
	Add	Buoy "5A", green can	48°16'07.7"N 122°38'34.6"W
★18428	7Ed. 4/11/81 LAST NM 27/88		(CL241/89) 21/89
	Add	Obstruction "Subm structure", 141°-321° axis 67 yards by 334 yards long, centered (PA)	48°17'03.5"N 122°34'04.0"W
★18429	4Ed. 3/9/85	NEW EDITION	(NOS) 20/85
18429	4Ed. 3/9/85 LAST NM 20/85		(NOS) 22/85
	Change	Characteristic of buoy to Fl(2+1) R	48°31'45"N 122°43'27"W
★18429	4Ed. 3/9/85 LAST NM 22/85		(21/85 CG13) 25/85
	Change	Characteristic of buoy to Fl(2+1) R	48°24'02"N 122°42'54"W
★18429	4Ed. 3/9/85 LAST NM 25/85		(24/85 CG13) 28/85
	Change	Characteristic of light "2" to Fl R 4s	48°28'53"N 122°49'01"W
18429	4Ed. 3/9/85 LAST NM 28/85		(25/85 CG13) 29/85
	Delete	Lights (3)	48°26'13"N 122°52'22"W
18429	4Ed. 3/9/85 LAST NM 29/85		(26/85 CG13) 31/85
	Change	Characteristic of light "1" to Fl G 4s	48°24'49"N 122°48'39"W
18429	4Ed. 3/9/85 LAST NM 31/85		(51/85 CG13) 6/86
	Delete	Designation "2" from light	48°30'36"N 122°40'57"W
★18429	4Ed. 3/9/85 LAST NM 6/86		(6/86 CG13) 10/86
	Add	Lights, each Fl Y 6s (Priv maintd) (PA)	
		"A"	48°33'14.7"N 122°41'01.2"W
		"B"	48°33'15.7"N 122°41'05.0"W
		"C"	48°33'14.4"N 122°41'05.4"W
★18429	4Ed. 3/9/85 LAST NM 10/86		(14/86 CG13) 21/86
	Add	Buoy (mooring)	48°30'59"N 122°47'16"W
18429	4Ed. 3/9/85 LAST NM 21/86		(28/86 CG13) 36/86
	Change	Color of buoy to red and green bands (topmost band red)	48°31'45"N 122°43'27"W
18429	4Ed. 3/9/85 LAST NM 36/86		(15/87 CG13) 23/87
	Relocate	Buoy close N to	48°24'04"N 122°42'53"W
	Change	Color of buoy "3" to green	48°31'18"N 122°39'18"W
★18429	4Ed. 3/9/85 LAST NM 23/87		(25/87 CG13) 33/87
	Add	Buoys, yellow, Fl Y 6s (Priv maintd)	48°28'05.0"N 122°51'15.0"W
			48°28'02.5"N 122°51'15.0"W
18429	4Ed. 3/9/85 LAST NM 33/87		(FED REG 10/22/85) 38/87
	Change	Legends to "RESTRICTED AREA 334.1180 (see note A)"	48°19'25"N 122°52'56"W
		"RESTRICTED AREA No 1 334.1200 (see note A)"	48°21'05"N 122°42'00"W
		"RESTRICTED AREA No 2 334.1200 (see note A)"	48°23'00"N 122°40'43"W

ST HELENS

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18429 4Ed. 3/9/85 LAST NM 38/87
Delete Light "C" (34/87 CG13) 44/87
48°33'14"N 122°41'05"W

18429 4Ed. 3/9/85 LAST NM 44/87
Add Lights Fl Y 6s (Priv maintd) (38/87 CG13) 46/87
48°33'25"N 122°41'06"W
48°33'23"N 122°41'07"W
48°33'25"N 122°41'08"W
48°33'42"N 122°40'44"W
48°33'44"N 122°40'40"W

★**18429** 4Ed. 3/9/85 LAST NM 46/87
Relocate Buoy "6" close SW to (42/87 CG13) 48/87
48°27'29"N 122°42'51"W

18429 4Ed. 3/9/85 LAST NM 48/87
Change Color of buoy to red and green bands (topmost band red) (4/88 CG13) 9/88
(See 23/87-18429)
48°24'04"N 122°42'53"W

18429 4Ed. 3/9/85 LAST NM 9/88
Delete Legend "(PA)" from light "9" (16/88 CG13) 21/88
48°32'46"N 122°45'52"W

18429 4Ed. 3/9/85 LAST NM 21/88
Relocate Buoy "6" (29/88 CG13) 34/88
(48°27'29"N 122°42'51"W) to
48°27'28.8"N 122°42'50.2"W

★**18429** 4Ed. 3/9/85 LAST NM 34/88
Change Visibility (range) of light to 17M (19/89 CG13) 24/89
48°19'07"N 122°50'33"W

★**18430** 3Ed. 2/9/85 NEW EDITION (NOS) 22/85
Change Characteristic of buoys
"5" to Fl G 4s 48°44'06"N 122°41'06"W
"2" to Fl R 4s 48°38'17"N 122°41'38"W
"4" to Fl R 2.5s 48°38'18"N 122°40'00"W
(undesignated) to Fl R(2+1) 48°45'15"N 122°43'23"W
(undesignated) to Fl R(2+1) 48°31'44"N 122°43'26"W
(Previously published 12/85)

Change Characteristic of light "16A" to Fl R 6s
(Previously published 21/85) 48°40'11"N 122°40'02"W

18430 3Ed. 2/9/85 LAST NM 22/85
Change Buoy "BS" to red and green bands (topmost band red), Fl(2+1) R 6s (42/85 CG13) 46/85
BELL
48°34'08"N 122°50'38"W

★**18430** 3Ed. 2/9/85 LAST NM 46/85
Delete Designation "2" from light (50/85 CG13) 2/86
48°31'30"N 122°55'05"W

Change Light "12" to Fl R 2.5s 15ft 4M
48°35'07.1"N 122°44'23.0"W

★**18430** 3Ed. 2/9/85 LAST NM 2/86
Delete Designation "2" from light (51/85 CG13) 6/86
48°30'36"N 122°40'57"W

Add Buoy (mooring)
48°30'59"N 122°47'16"W

18430 3Ed. 2/9/85 LAST NM 6/86
Add Lights, each Fl Y 6s (6/86 CG13) 10/86
(Priv maintd) (PA)
"A" 48°33'14.7"N 122°41'01.2"W
"B" 48°33'15.7"N 122°41'05.0"W
"C" 48°33'14.4"N 122°41'05.4"W

18430 3Ed. 2/9/85 LAST NM 10/86
Change Color of buoys to red and green bands (topmost band red) (28/86 CG13) 36/86
48°45'15"N 122°43'23"W
48°31'45"N 122°43'26"W

18430 3Ed. 2/9/85 LAST NM 36/86
Change Color of buoy "13" to green (15/87 CG13) 23/87
48°35'58"N 122°46'43"W

★**18430** 3Ed. 2/9/85 LAST NM 23/87
Delete Light "C" (34/87 CG13) 44/87
48°33'14"N 122°41'05"W

★18430	3Ed. 2/9/85 LAST NM 44/87		(38/87 CG13) 46/87
	Add	Lights Fl Y 6s (Priv maintd)	48°33'25"N 122°41'06"W
			48°33'23"N 122°41'07"W
			48°33'25"N 122°41'08"W
			48°33'42"N 122°40'44"W
			48°33'44"N 122°40'40"W
★18430	3Ed. 2/9/85 LAST NM 46/87		(16/88 CG13) 21/88
	Delete	Legend "(PA)" from light "9"	48°32'46"N 122°45'52"W
18430	3Ed. 2/9/85 LAST NM 21/88		(21/88 CG13) 27/88
	Add	Light "A" Fl Y 6s (Priv maintd)	48°34'54"N 122°41'00"W
18430	3Ed. 2/9/85 LAST NM 27/88		(45/88 CG13) 52/88
	Change	Color of buoy "CA" to yellow	48°45'19"N 122°46'26"W
★18430	3Ed. 2/9/85 LAST NM 52/88		(49/88 CG13) 1/89
	Change	Color of buoy "5" to green	48°44'06"N 122°41'06"W
★18431	1Ed. 6/9/79	NEW CHART	(NOS) 34/79
★18431	1Ed. 6/9/79 LAST NM 34/79		(33/79 CG13) 35/79
	Change	Light to Fl 6sec 52ft 6M	
		HORN Bl 30sec	28°47'21"N 122°58'12"W
★18431	1Ed. 6/9/79 LAST NM 35/79		(33/79 CG13) 43/79
	Change	Light to Fl 6sec 52ft 6M	
		HORN Bl 30sec	48°47'21"N 122°58'12"W
		(Cancels 35/79-18431)	
18431	1Ed. 6/9/79 LAST NM 43/79		(NOS) 15/81
	Change	Color of buoy "A" to black and	
		red bands (topmost band black)	48°50'24"N 122°52'09"W
★18431	1Ed. 6/9/79 LAST NM 15/81		(29/81 CG13) 35/81
	Add	Bn, white	48°45'40"N 122°52'28"W
★18431 T	1Ed. 6/9/79 LAST NM 15/81 (Temp'y)		(29/81 CG13) 35/81
	Add	Buoy, white	48°45'57"N 122°52'10"W
★18431	1Ed. 6/9/79 LAST NM 35/81		(3/82 CG13) 8/82
	Delete	Buoy	48°45'57"N 122°52'10"W
		(Supersedes 35/81T-18431)	
	Add	Bn, white and orange (PA)	48°46'02"N 122°52'16"W
18431	1Ed. 6/9/79 LAST NM 8/82		(CL1234/82) 48/82
	Add	Purple dashed line "Sewer" between	48°42'50"N 122°54'40"W
			48°43'07"N 122°54'40"W
★18431	1Ed. 6/9/79 LAST NM 48/82		(CL443/83) 26/83
	Add	Purple dashed line "Sewer" between	48°48'37"N 122°42'29"W
			48°48'37"N 122°42'57"W
★18431	1Ed. 6/9/79 LAST NM 26/83		(33/84 CG13) 37/84
	Change	Buoy "A" to red and green bands	
		(topmost band red), Fl(2+1) R GONG	48°50'24"N 122°52'09"W
18431	1Ed. 6/9/79 LAST NM 37/84		(36/84 CG13) 41/84
	Change	Buoy "B" to red and green bands	
		(topmost band red), Fl R(2+1) BELL	48°45'54"N 123°00'46"W
18431	1Ed. 6/9/79 LAST NM 41/84		(41/84 CG13) 51/84
	Change	Buoy "B" to red and green bands	
		(topmost band red), Fl(2+1) R GONG	48°47'04"N 122°48'52"W
		Color of buoy "5" to green	48°48'57"N 122°48'51"W
18431	1Ed. 6/9/79 LAST NM 51/84		(39(943)84 Ottawa; Can LL) 7/85
	Change	Light to Strobe F Fl 12ft 17M,	
		FR 102ft HORN (Gp Bl(3) 60s)	48°47'00"N 123°02'42"W
18431	1Ed. 6/9/79 LAST NM 7/85		(39(943)84 Ottawa) 9/85
	Change	Light to F Fl 15s 121ft 17M,	
		FR 102ft HORN (Gp Bl(3) 60s)	48°47'00"N 123°02'42"W
		(Cancels 7/85-18431)	
18431	1Ed. 6/9/79 LAST NM 9/85		(7/85 CG13) 12/85
	Change	Characteristic of buoy to Fl R(2+1)	48°45'15"N 122°43'23"W

18431	1Ed. 6/9/79 LAST NM 12/85		(46/84 CG13) 18/85
	Change	Characteristic of buoy "CA" to Fl Y 4s	48°45'19"N 122°46'26"W
18431	1Ed. 6/9/79 LAST NM 18/85		(28/86 CG13) 36/86
	Change	Color of buoy to red and green bands (topmost band red)	48°45'15"N 122°43'23"W
18431	1Ed. 6/9/79 LAST NM 36/86		(43/86 CG13) 50/86
	Change	Characteristic of light "2" to Fl R 4s	48°47'13"N 122°42'40"W
★**18431**	1Ed. 6/9/79 LAST NM 50/86		(6/87 CG13) 12/87
	Relocate	Buoy "B" close W to	48°45'54.5"N 123°00'48.3"W
★**18431**	1Ed. 6/9/79 LAST NM 12/87		(11/87 CG13) 17/87
	Delete	Bn	48°46'02"N 122°52'16"W
	Add	Buoy, orange and white bands, can	48°46'02"N 122°52'17"W
18431	1Ed. 6/9/79 LAST NM 17/87		(Can LL) 15/88
	Add	Racon (•••–) to buoy "U59"	48°48'12"N 123°01'34"W
18431	1Ed. 6/9/79 LAST NM 15/88		(21/88 CG13) 27/88
	Relocate	Buoy (48°46'02"N 122°52'17"W) to	48°45'47"N 122°52'02"W
18431	1Ed. 6/9/79 LAST NM 27/88		(27/88 CG13) 34/88
	Change	Fog signal of buoy "B" to BELL	48°47'04"N 122°48'52"W
★**18431**	1Ed. 6/9/79 LAST NM 34/88		(45/88 CG13) 52/88
	Change	Color of buoy "CA" to yellow	48°45'19"N 122°46'26"W
★**18432**	2Ed. 1/19/85	NEW EDITION	(NOS) 18/85
18432	2Ed. 1/19/85 LAST NM 18/85		(NOS) 19/85
	Change	Light to F Fl 15s 121ft 17M, FR 102ft HORN (Gp Bl(3) 60s)	48°47'00"N 123°02'40"W
		Buoy to green and red bands (topmost band green), Fl G(2+1) HORN	48°38'19"N 123°10'52"W
	Add	Period 6s to light	48°41'06"N 123°17'33"W
18432	2Ed. 1/19/85 LAST NM 19/85		(28(708)85 Ottawa) 33/85
	Delete	Bn	48°44'53"N 123°13'44"W
18432	2Ed. 1/19/85 LAST NM 33/85		(6/87 CG13) 12/87
	Relocate	Buoy "B" close W to	48°45'54.5"N 123°00'48.3"W
★**18432**	2Ed. 1/19/85 LAST NM 12/87		(44/87 CG13) 50/87
	Add	Buoys (2), yellow, Fl Y 6s (Priv maintd)	48°39'53"N 123°08'19"W 48°40'20"N 123°09'18"W
18432	2Ed. 1/19/85 LAST NM 50/87		(Can LL) 15/88
	Add	Racon (•••–) to buoy "U59"	48°48'12"N 123°01'34"W
★**18432**	2Ed. 1/19/85 LAST NM 15/88		(25/88 CG13) 33/88
	Delete	Buoys (2) (See 50/87-18432)	48°40'20"N 123°09'18"W
★**18433**	1Ed. 8/1/81	NEW CHART	(NOS) 38/81
★**18433**	1Ed. 8/1/81 LAST NM 38/81		(CL1004/81) 40/81
	Add	"CABLE AREA" bound by shore and purple dashed lines between	48°37'27.0"N 123°08'51.0"W 48°38'22.0"N 123°08'15.0"W
		joining	48°37'22.0"N 123°09'06.0"W 48°37'24.0"N 123°09'08.0"W 48°38'27.0"N 123°08'28.0"W
		"CABLE AND PIPELINE AREA" bound by shore and purple dashed lines between	48°36'59.0"N 123°09'31.0"W 48°36'59.5"N 123°09'16.0"W

(continued on next page)

★18433	(Continued) Add	joining	40/81 48°36'51.0"N 123°09'36.0"W 48°36'49.0"N 123°09'36.0"W 48°36'49.5"N 123°09'14.0"W
18433	1Ed. 8/1/81 LAST NM 40/81 Delete	HORN from light	(10(246)82 Ottawa) 16/82 48°32'52.5"N 123°14'09.5"W
18433	1Ed. 8/1/81 LAST NM 16/82 Add	Depth 5 fathoms	(14(852)82 Taunton; Can CH 3441) 38/82 48°39'37"N 123°18'21"W
★18433	1Ed. 8/1/81 LAST NM 38/82 Add	Buoy "6", red nun	(36/82 CG13) 42/82 48°35'29"N 123°10'26"W
18433	1Ed. 8/1/81 LAST NM 42/82 Add	"Cable Area" bound by shore and purple dashed line between	(CL1225/82) 51/82 48°36'31"N 123°09'20"W 48°36'44"N 123°09'00"W
★18433	1Ed. 8/1/81 LAST NM 51/82 Add	Note in left upper margin of chart "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	(NOS) 19/83
18433	1Ed. 8/1/81 LAST NM 19/83 Relocate	Buoy "VD" close S to and change characteristic to Gp Fl R(3) 6sec	(CL288/83) 20/83 48°27'06"N 123°10'46"W
18433	1Ed. 8/1/81 LAST NM 20/83 Change	Color of buoy "VD" to red and green bands (topmost band red) (See 20/83-18433)	(24(545)83 Ottawa) 41/83 48°27'06"N 123°10'46"W
18433	1Ed. 8/1/81 LAST NM 41/83 Change	Characteristic of buoy "VD" to Fl R(2+1) 6sec	(NOS) 48/83 48°27'06"N 123°10'46"W
18433	1Ed. 8/1/81 LAST NM 48/83 Add	Bn, black	(39(930)83 Ottawa) 3/84 48°25'09.3"N 123°17'14.7"W
18433	1Ed. 8/1/81 LAST NM 3/84 Delete	HORN from light	(43/84 CG13) 52/84 48°35'20"N 123°12'02"W
18433	1Ed. 8/1/81 LAST NM 52/84 Change	Light to Fl 10s 55ft 17M HORN (Bl 30s)	(47/84 CG13) 2/85 48°30'58"N 123°09'05"W
★18433	1Ed. 8/1/81 LAST NM 2/85 Change	Light to Fl Fl 5s 93ft, Strobe	(35(823)84 Ottawa; Can LL; 49/84 CG13) 5/85 48°25'29"N 123°13'28"W
		Buoys "2" to "3", green can (undesignated) to green and red bands (topmost band green) Fl G(2+1) HORN	48°38'06"N 123°09'39"W 48°38'19"N 123°10'52"W
18433	1Ed. 8/1/81 LAST NM 5/85 Change	Light to F Fl 5s 93ft HORNS (Bl 60s) (See 5/85-18433)	(35(82)84 Ottawa; Can LL) 9/85 48°25'29"N 123°13'28"W
18433	1Ed. 8/1/81 LAST NM 9/85 Change	Buoy to S. cardinal buoy: "VD", YB, Q(6)+L Fl 15s	(3(105)85 Ottawa) 16/85 48°27'06"N 123°10'46"W

★18433	1Ed. 8/1/81 LAST NM 16/85		(51/84 CG13; USCG LL) 19/85
	Change	Buoy to red and green bands (topmost band red), nun and delete designation "1"	48°37'31"N 123°09'42"W
18433	1Ed. 8/1/81 LAST NM 19/85		
	Change	Light to "1" Fl G 4s 15ft 4M	(16/85 CG13) 20/85 48°36'59"N 123°10'08"W
18433	1Ed. 8/1/81 LAST NM 20/85		
	Delete	Bn	(16(448)85 Ottawa) 21/85 48°25'09"N 123°17'15"W
	Add	Buoy "V25", G, spar	48°25'07"N 123°17'13"W
18433	1Ed. 8/1/81 LAST NM 21/85		
	Add	Racon •–• to buoy "VD" (See 16/85-18433)	(39(936)85 Ottawa) 44/85 48°27'06"N 123°10'46"W
18433	1Ed. 8/1/81 LAST NM 44/85		
	Add	Buoy: "UT", black and yellow bands (topmost band black), double cone topmark bases together, Q(3) 10s	(40(975)85 Ottawa) 45/85 48°37'36"N 123°15'54"W
18433	1Ed. 8/1/81 LAST NM 45/85		
	Add	Buoy "US", yellow and black bands, double cone topmark points downward, Q(6) + L Fl 15s	(42(1012)85 Ottawa) 47/85 48°39'00"N 123°18'00"W
18433	1Ed. 8/1/81 LAST NM 47/85		
	Change	Color of buoy "UI" to green	(NOS) 7/86 48°34'12"N 123°18'02"W
★18433	1Ed. 8/1/81 LAST NM 7/86		
	Relocate	Buoy "3" close NE to	(51/86 CG13) 4/87 48°38'06"N 123°09'38"W
★18433	1Ed. 8/1/81 LAST NM 4/87		
	Change	Color of buoy "3" to green	(4/87 CG13) 9/87 48°35'04"N 123°10'17"W
★18434	1Ed. 3/19/83	NEW CHART	(NOS) 19/83
★18434	1Ed. 3/19/83 LAST NM 19/83		
	Add	Position circle "Dol"	(CL365/83) 22/83 48°32'09.0"N 123°00'41.9"W
★18434	1Ed. 3/19/83 LAST NM 22/83		
	Change	Lights to Fl R 5sec (Priv maintd)	(45/83 CG13) 50/83 48°32'43.8"N 123°00'39.0"W 48°32'43.0"N 123°00'40.8"W
18434	1Ed. 3/19/83 LAST NM 50/83		
	Delete	Light	(41, 42/84 CG13) 51/84 48°32'23"N 123°0'57"W
	Change	Characteristic of buoy to Fl(2+1) G	48°32'57"N 122°59'15"W
	Add	Bn, white (Priv maintd)	48°35'02"N 122°55'57"W
★18434	1Ed. 3/19/83 LAST NM 51/84		
	Delete	Buoy (mooring)	(43, 44/84 CG13) 52/84 48°33'06"N 122°54'52"W
	Add	Light Q (Priv maintd) (PA)	48°33'25"N 122°52'22"W
★18434	1Ed. 3/19/83 LAST NM 52/84		
	Add	Lights "1", Fl G 2.5s 8ft 3M "2", Fl R 2.5s 8ft 3M (undesignated), Fl G 4s 8ft 3M	(6/85 CG13) 10/85 48°32'22.9"N 123°00'50.9"W 48°32'23.5"N 123°00'49.9"W 48°32'25.0"N 123°00'54.0"W
★18434	1Ed. 3/19/83 LAST NM 10/85		
	Change	Characteristic of buoy "3" to Fl G 4s	(11/85 CG13) 16/85 48°25'36"N 123°58'32"W
18434	1Ed. 3/19/83 LAST NM 16/85		
	Change	Light "B" to "3" Fl G 6s 15ft 5M	(16/85 CG13) 20/85 48°35'22"N 123°00'44"W
★18434	1Ed. 3/19/83 LAST NM 20/85		
	Change	Light "C" to "5" Fl G 4s 15ft 5M	(24/85 CG13) 28/85 48°35'43"N 122°58'32"W
		Characteristic of light to Fl R 2.5s	48°33'07"N 122°55'10"W
★18434	1Ed. 3/19/83 LAST NM 28/85		
	Delete	Lights (3)	(25/85 CG13) 29/85 48°26'13"N 122°52'22"W
★18434	1Ed. 3/19/83 LAST NM 29/85		
	Change	Designation of light "A" to "1"	(28/85 CG13) 32/85 48°35'16"N 123°01'15"W

18434	1Ed. 3/19/83 LAST NM 32/85		(50/85 CG13) 2/86
	Delete	Designation "2" from light	48°3'30"N 122°55'05"W
★18434	1Ed. 3/19/83 LAST NM 2/86		(CL75/86) 14/86
	Delete	Purple dashed line between	48°36'25"N 122°58'27"W
			48°36'18"N 122°58'33"W
	Add	Purple dashed line between	48°36'30"N 122°58'33"W
			48°36'32"N 122°58'20"W
		"Cable Area" bound by shore and purple dashed lines joining	48°30'56"N 122°58'35"W
			48°30'06"N 122°56'12"W
			48°29'56"N 122°56'18"W
			48°30'50"N 123°00'04"W
			48°31'11"N 123°00'04"W
		joining	48°26'54"N 122°54'08"W
			48°26'31"N 122°54'15"W
			48°26'35"N 122°54'27"W
			48°26'48"N 122°54'24"W
		joining	48°36'05"N 122°58'50"W
			48°35'39"N 122°58'40"W
			48°35'39"N 122°58'55"W
			48°36'09"N 122°59'06"W
★18434	1Ed. 3/19/83 LAST NM 14/86		(19/86 CG13) 24/86
	Relocate	Lights "1" (48°32'22.9"N 123°00'50.9"W) to "2" (48°32'23.5"N 123°00'49.9"W) (undesignated) (48°32'25.0"N 123°00'54.0"W)	48°32'23.6"N 123°00'49.7"W
			48°32'24.4"N 123°00'47.7"W
			48°32'25.8"N 123°00'52.2"W
18434	1Ed. 3/19/83 LAST NM 24/86		(28/86 CG13) 36/86
	Change	Color of buoy to green and red bands (topmost band green)	48°32'57"N 122°59'18"W
18434	1Ed. 3/19/83 LAST NM 36/86		(34/86 CG13) 51/86
	Change	Color of buoy "3" to green	48°32'27"N 123°00'36"W
★18434	1Ed. 3/19/83 LAST NM 51/86		(48/86 CG13) 52/86
	Change	Light "3" to Fl G 4s 18ft 6M	48°32'07"N 122°57'48"W
★18434	1Ed. 3/19/83 LAST NM 52/86		(33/87 CG13) 43/87
	Delete	Legend "ECHO BOARD"	48°35'14"N 123°01'35"W
★18434	1Ed. 3/19/83 LAST NM 43/87		(3/88 CG13) 9/88
	Delete	Buoy "3"	48°32'27"N 123°00'36"W
★18434	1Ed. 3/19/83 LAST NM 9/88		(9/88 CG13) 14/88
	Change	Color of buoy "3" to green	48°25'37"N 122°58'32"W
★18434	1Ed. 3/19/83 LAST NM 14/88		(CL182/88) 16/88
	Add	"Cable Area" bound by purple dashed lines between	48°35'17"N 122°57'04"W
			48°35'54"N 122°56'26"W
		between	48°35'17"N 122°57'25"W
			48°35'50"N 122°56'46"W
★18440	18Ed. 1/3/87	NEW EDITION	(NOS) 15/87
	Add	Buoys (4), yellow, Fl Y 6s (Priv maintd) (Previously published 9/87)	48°02'50"N 122°31'35"W
	Relocate	Buoys "1" close NW to (undesignated) close NE and change color to yellow (Previously published 12/87)	48°06'12.8"N 122°31'48.3"W
			47°16'40.2"N 122°42'25.4"W
	Change	Color of buoys, each to yellow "A"	47°45.8'N 122°43.5'W
		"B"	47°44.4'N 122°44.5'W
		Visibility (range) of light to 15M (Previously published 14/87)	48°08.4'N 123°24.5'W
	Add	Dangerous submerged rock	47°20'32"N 122°27'22"W

SUBREGION 18

★18440	18Ed. 1/3/87 LAST NM 15/87			
	Add	Buoys (mooring) (Priv maintd)		(10, 11/87 CG13) 17/87
			47°35.3'N	122°22.1'W
			47°35.2'N	122°22.3'W
		Stranded wreck (PA) marked by buoy, Q	47°14.2'N	122°37.7'W
18440	18Ed. 1/3/87 LAST NM 17/87			
	Change	Color of buoy "1" to green		(12-14/87 CG13) 23/87
		Color of buoy "SG" to yellow	48°06'12"N	122°31'42"W
		Characteristic of light to FG	47°39'42"N	122°27'48"W
		Light "2" to Fl R 2.5s 4M	47°48'36"N	122°23'30"W
			47°53'18"N	122°36'36"W
		Light to 2 Fl Y 6s 3M (Priv maintd) (See 1/87-18440)	48°02'47"N	122°31'58"W
★18440	18Ed. 1/3/87 LAST NM 23/87			
	Delete	Light		(16/87 CG13) 27/87
		Buoy "A"	47°11.5'N	122°41.2'W
			48°11.8'N	122°35.9'W
18440	18Ed. 1/3/87 LAST NM 27/87			
	Delete	Light		(18, 20/87 CG13) 28/87
			48°10.3'N	122°26.5'W
	Change	Color of buoy "1" to green		
		Characteristic of light "6" to Fl R 4s	48°03.0'N	122°21.2'W
			47°13.2'N	122°36.0'W
★18440	18Ed. 1/3/87 LAST NM 28/87			
	Delete	Buoy "A"		(24, 25/87 CG13) 33/87
			47°12'18"N	122°36'23"W
	Add	Buoys, white and orange bands, (Priv maintd)	47°33'24"N	122°24'23"W
			47°58'38"N	122°20'58"W
18440	18Ed. 1/3/87 LAST NM 33/87			
	Change	Color of buoy "3" to green		(27/87 CG13) 37/87
			47°07.3'N	122°45.0'W
18440	18Ed. 1/3/87 LAST NM 37/87			
	Add	Buoys (2) Fl Y 6s (Priv maintd)		(38/87 CG13) 46/87
			47°53.1'N	122°37.7'W
		Buoy Fl Y 6s (Priv maintd)	47°52.6'N	122°37.1'W
18440	18Ed. 1/3/87 LAST NM 46/87			
	Delete	Buoys (mooring)		(39/87 CG13) 47/87
		(mooring)	48°17.4'N	122°37.1'W
			48°17.5'N	122°36.3'W
18440	18Ed. 1/3/87 LAST NM 47/87			
	Delete	Light		(37/87 CG13) 48/87
			47°16.6'N	122°25.0'W
18440	18Ed. 1/3/87 LAST NM 48/87			
	Relocate	Buoy "6" close NW to		(46/87 CG13) 52/87
			48°19.5'N	122°30.6'W
★18440	18Ed. 1/3/87 LAST NM 52/87			
	Delete	Buoys		(49, 51/87 CG13, USCG LL) 4/88
			48°04.9'N	122°47.0'W
		(See 46/87-18440)	47°52.6'N	122°37.1'W
		Light	48°01.1'N	122°51.3'W
★18440	18Ed. 1/3/87 LAST NM 4/88			
	Delete	Light "2"		(1/88 CG13) 6/88
			47°59.1'N	122°13.7'W
	Change	Color of buoys, each to green		
		"1"	47°16.5'N	122°38.6'W
		"1"	47°14.5'N	122°42.8'W
18440	18Ed. 1/3/87 LAST NM 6/88			
	Change	Color of buoy "7" to green		(4/88 CG13) 9/88
			48°16.3'N	122°38.8'W
18440	18Ed. 1/3/87 LAST NM 9/88			
	Change	Color of buoy "5" to green		(5/88 CG13) 10/88
			48°13.2'N	122°46.9'W
18440	18Ed. 1/3/87 LAST NM 10/88			
	Relocate	Buoy		(6/88 CG13) 11/88
		(47°16'40"N 122°42'25"W) to	47°16'33"N	122°42'34"W
		(See 15/87-18440)		
18440	18Ed. 1/3/87 LAST NM 11/88			
	Delete	Buoys (4) in vicinity		(9/88 CG13) 14/88
			48°02.8'N	122°31.6'W

18440	18Ed. 1/3/87 LAST NM 14/88		(10/88 CG13) 15/88
	Change	Color of buoy "1" to green	47°59.4'N 122°15.0'W
18440	18Ed. 1/3/87 LAST NM 15/88		(CL691/87) 23/88
	Add	Purple dashed line "Sewer" joining	47°35.7'N 122°23.2'W
			47°35.8'N 122°23.2'W
			47°36.2'N 122°25.6'W
		between	47°35.7'N 122°23.2'W
			47°36.0'N 122°25.6'W
★18440	18Ed. 1/3/87 LAST NM 23/88		(21, 22/88 CG13; USCG LL) 27/88
	Delete	Light	47°38.5'N 122°49.6'W
		Bn	47°43.3'N 122°52.9'W
	Relocate	Light (47°38.6'N 122°49.7'W) to and change characteristic to Fl Y	47°39.4'N 122°49.6'W
	Change	Color of buoy "SF" to yellow	47°45.9'N 122°26.2'W
18440	18Ed. 1/3/87 LAST NM 27/88		(29/88 CG13) 34/88
	Change	Characteristic of light "7" to Fl G	47°12.4'N 122°50.3'W
★18440	18Ed. 1/3/87 LAST NM 34/88		(30, 32/88 CG13) 39/88
	Change	Color of buoys "1" to green	47°54.5'N 122°26.3'W
		"R" to yellow	48°16.4'N 123°06.5'W
		"1" to green	47°57.6'N 122°40.2'W
18440	18Ed. 1/3/87 LAST NM 39/88		(41/88 CG13) 46/88
	Change	Color of buoy "SD" to yellow	47°57.9'N 122°34.7'W
18440	18Ed. 1/3/87 LAST NM 46/88		(44/88 CG13) 49/88
	Delete	Designation "2" from light	47°19.6'N 122°34.4'W
	Change	Color of buoy "TA" to yellow	47°26.9'N 122°24.2'W
★18440	18Ed. 1/3/87 LAST NM 49/88		(45, 46/88 CG13) 52/88
	Delete	Position circle "STACK"	47°51.3'N 122°34.8'W
	Change	Color of buoy "SA" to yellow	48°11.4'N 122°49.7'W
		Color of beacon to red and green bands (topmost band red)	47°34.7'N 122°31.8'W
18440	18Ed. 1/3/87 LAST NM 52/88		(CL154/89) 16/89
	Add	Obstruction "(Fish haven) (auth min depth 5fms)" bound by dotted line joining	48°11'21"N 122°32'18"W
			48°11'17"N 122°32'10"W
			48°11'05"N 122°32'21"W
			48°11'09"N 122°21'31"W
18440	18Ed. 1/3/87 LAST NM 16/89		(CL241/89) 21/89
	Add	Obstruction "Subm structure" (PA)	48°17.1'N 122°34.1'W
18440	18Ed. 1/3/87 LAST NM 21/89		(19/89 CG13) 24/89
	Change	Visibility (range) of light to 17M	48°19.1'N 122°50.5'W
★18441	32Ed. 4/5/86	NEW EDITION	(NOS) 29/86
★18441	32Ed. 4/5/86 LAST NM 29/86		(NOS) 30/86
	Delete	Designation "1" from light	48°00'56"N 122°16'09"W
	Change	Designation of buoy "SP" to "SF"	47°45'52"N 122°26'12"W
	Add	"Cable Area" bound by shore and purple dashed lines between	48°01.1'N 122°19.2'W
			48°02.9'N 122°16.3'W
		between	48°01.2'N 122°19.4'W
			48°03.0'N 122°16.5'W
18441	32Ed. 4/5/86 LAST NM 30/86		(28, 30/86 CG13) 36/86
	Change	Color of buoys, each to green	
		"1"	47°40'47"N 122°24'47"W
		"3"	47°58'58"N 122°14'00"W
		"1"	48°06'53"N 122°57'54"W
		"1"	48°13'46"N 122°37'11"W

(Continued on next page)

18441 (Continued)
Change — Characteristic of light to Fl R 6s and add designation "18" — 36/86 47°44'50"N 122°48'33"W

Characteristic of buoy "SA" to Fl Y 4s, Strobe Fl Y 2.5s — 48°11'27"N 122°49'43"W

18441 32Ed. 4/5/86 LAST NM 36/86
Change — Characteristic of light to 4 Fl Y 6s — (31/86 CG13) 40/86 48°13'11"N 122°42'12"W

18441 32Ed. 4/5/86 LAST NM 40/86
Change — Legends to
"Controlling depths-June 1986
Northeastern outside quarter...15.3ft
Middle half.....14.0ft
Southwestern outside quarter...13.9ft" — (CL958/86; BP129964, 52) 48/86 48°00.0'N 122°46.0'W

"23 FT 1986" — 47°51.7'N 122°34.6'W

18441 32Ed. 4/5/86 LAST NM 48/86
Change — Color of buoy "1" to green — (34, 39/86 CG13) 51/86 47°37'42"N 122°23'02"W

Add — Light "C" FY (Priv maintd) — 48°02'19"N 122°24'04"W

18441 32Ed. 4/5/86 LAST NM 51/86
Delete — Buoys — (47/86 CG13) 52/86 48°05'48"N 122°58'50"W 48°05'54"N 122°58'36"W

★**18441** 32Ed. 4/5/86 LAST NM 52/86
Relocate — Light close W to (See 40/86-18441) — (44/86 CG13) 1/87 48°13'09"N 122°42'30"W

Change — Characteristic of light "9" to QG — 47°35.4'N 122°33.0'W

Add — Lights Q
Fl Y 6s 3M (Priv maintd) — 48°13'03"N 122°42'36"W 48°02'47"N 122°31'58"W

★**18441** 32Ed. 4/5/86 LAST NM 1/87
Add — Buoys (4), yellow, Fl Y 6s (Priv maintd) — (1, 4/87 CG13) 9/87

Visibility (range) 6M to light "8" — 48°02'50"N 122°31'35"W

18441 32Ed. 4/5/86 LAST NM 9/87
Change — Color of buoys, each to yellow
"A" — 47°48'48"N 122°42'48"W
"B" — (8/87 CG13) 14/87 47°45'47"N 122°43'18"W

18441 32Ed. 4/5/86 LAST NM 14/87
Change — Color of buoy "5" to green — 47°44'24"N 122°44'24"W

Add — Buoy (mooring) (Priv maintd) — (10, 11/87 CG13) 17/87 47°37.3'N 122°30.2'W

★**18441** 32Ed. 4/5/86 LAST NM 17/87
Change — Color of buoys, each to green
"1" — 47°35.2'N 122°22.3'W
"1" — (12-14/87 CG13) 23/87

Color of buoy "SG" to yellow — 48°06'08"N 122°31'48"W
Characteristic of light "1" to FG — 47°54'30"N 122°24'00"W
Light "2" to Fl R 2.5s 4M — 47°39'42"N 122°27'48"W
47°48'36"N 122°23'24"W
47°53'17"N 122°36'35"W

Light to 2 Fl Y 6s 3M (Priv maintd) (See 1/87-18441) — 48°02'47"N 122°31'58"W

18441 32Ed. 4/5/86 LAST NM 23/87
Delete — Buoy "A" — (16/87 CG13) 27/87 48°11'48"N 122°35'54"W

★**18441** 32Ed. 4/5/86 LAST NM 27/87
Delete — Light — (18, 20/87 CG13) 28/87 48°10'20"N 122°26'30"W

Change — Color of buoy "1" to green — 48°03'02"N 122°21'11"W

18441 32Ed. 4/5/86 LAST NM 28/87
Add — Buoy, white and orange bands, (Priv maintd) — (25/87 CG13) 33/87 47°58'38"N 122°20'58"W

18441	32Ed. 4/5/86 LAST NM 33/87		(FED REG 9/14/87) 44/87
	Add	"SECURITY ZONE 165.1302 (see note A)" area bound by shore and purple dashed line joining	47°43'24"N 122°44'37"W 47°43'28"N 122°44'40"W 47°43'50"N 122°44'40"W 47°44'24"N 122°44'22"W 47°45'47"N 122°43'22"W 47°46'23"N 122°42'42"W 47°46'23"N 122°42'20"W 47°46'20"N 122°42'14"W
		"SECURITY ZONE ANCHORAGE 165.1302 (see note A)" area bound by purple dashed-line circle, radius 1000 yards centered	47°46'23"N 122°42'49"W
18441	32Ed. 4/5/86 LAST NM 44/87		(38/87 CG13) 46/87
	Add	Buoys (2) orange and white Fl Y 6s (Priv maintd)	47°53'05"N 122°37'44"W
		Buoy, yellow, Fl Y 6s (Priv maintd)	47°52'34"N 122°37'08"W
★18441	32Ed. 4/5/86 LAST NM 46/87		(35, 39/87 CG13) 47/87
	Delete	Buoys (mooring) (mooring) (mooring)	48°17'25"N 122°37'05"W 48°17'30"N 122°36'30"W 48°17'33"N 122°36'04"W
	Add	Lights Fl Y 4s (Priv maintd)	48°02'42"N 122°31'57"W 48°02'46"N 122°31'41"W
18441	32Ed. 4/5/86 LAST NM 47/87		(46/87 CG13) 52/87
	Relocate	Buoy "6" close NW to	48°19'31"N 122°30'37"W
18441	32Ed. 4/5/86 LAST NM 52/87		(49, 51/87 CG13; USCG LL) 4/88
	Delete	Buoy (See 46/87-18441)	47°52'34"N 122°37'08"W
		Light	48°01'06"N 122°51'20"W
18441	32Ed. 4/5/86 LAST NM 4/88		(FED REG 12/17/87; 1/88 CG13) 6/88
	Delete	Purple dashed lines between	47°43'24"N 122°44'37"W 47°43'28"N 122°44'40"W
		between	47°46'23"N 122°42'20"W 47°46'20"N 122°42'14"W
		Light "2"	47°59'06"N 122°13'42"W
	Add	Purple dashed lines between	47°43'17"N 122°44'44"W 47°43'32"N 122°44'40"W
		between	47°46'23"N 122°42'20"W 47°46'20"N 122°42'12"W
		(See 44/87-18441)	
18441	32Ed. 4/5/86 LAST NM 6/88		(4/88 CG13) 9/88
	Change	Color of buoy "7" to green	48°16'19"N 122°38'47"W
18441	32Ed. 4/5/86 LAST NM 9/88		(5/88 CG13) 10/88
	Change	Color of buoy "5" to green	48°13'12"N 122°46'54"W
18441	32Ed. 4/5/86 LAST NM 10/88		(38/87 CG13) 12/88
	Add	Buoys (2) orange and white, Fl Y 6s (Priv maintd)	47°53'05"N 122°36'44"W
		Buoy, yellow, Fl Y 6s (Priv maintd) (Supersedes 46/87-18441)	47°52'34"N 122°37'08"W
★18441	32Ed. 4/5/86 LAST NM 12/88		(9/88 CG13) 14/88
	Delete	Buoys (4) in vicinity	48°02'50"N 122°31'35"W
18441	32Ed. 4/5/86 LAST NM 14/88		(10/88 CG13) 15/88
	Change	Color of buoy "1" to green	47°59'23"N 122°15'06"W
18441	32Ed. 4/5/86 LAST NM 15/88		(14/88 CG13) 18/88
	Change	Light "13" to QG 15ft 5M Ra Ref	47°39'25"N 122°49'36"W

18441 32Ed. 4/5/86 LAST NM 18/88
Add — Purple dashed line "Sewer" joining (CL691/87) 23/88
47°35'43"N 122°23'12"W
47°35'46"N 122°23'14"
47°36'12"N 122°25'34"W

between

47°35'45"N 122°23'13"W
47°35'58"N 122°25'35"W

18441 32Ed. 4/5/86 LAST NM 23/88
Delete — Bn (22/88 CG13) 27/88
47°43'18"N 122°52'53"W

Change — Color of buoy "SF" to yellow

47°45'55"N 122°26'12"W

18441 32Ed. 4/5/86 LAST NM 27/88
Change — Color of buoys, each to green (30, 32/88 CG13) 39/88
"1"
"1"

47°54'30"N 122°26'13"W
47°57'48"N 122°40'14"W

18441 32Ed. 4/5/86 LAST NM 39/88
Change — Color of buoy "SD" to yellow (41/88 CG13) 46/88
47°57'53"N 122°34'42"W

18441 32Ed. 4/5/86 LAST NM 46/88
Change — Color of buoy "SA" to yellow (42/88 CG13) 47/88
48°11'28"N 122°49'43"W

18441 32Ed. 4/5/86 LAST NM 47/88
Delete — Position circle "STACK" (45/88 CG13) 52/88
47°51'18"N 122°34'48"W

★**18441** 32Ed. 4/5/86 LAST NM 52/88
Add — Obstruction "(Fish haven) (auth min depth 5fms)" bound by dotted line joining (CL154/89) 16/89

48°11'21"N 122°32'18"W
48°11'17"N 122°32'10"W
48°11'05"N 122°32'21"W
48°11'09"N 122°32'31"W

18441 32Ed. 4/5/86 LAST NM 16/89
Change — Characteristic of light to Q (13/89 CG13) 18/89
47°35'26"N 122°20'41"W

18441 32Ed. 4/5/86 LAST NM 18/89
Add — Obstruction "Subm structure", 141°-321° axis 67 yards by 334 yards long, centered (PA) (CL241/89) 21/89

48°17'04"N 122°34'04"W

18441 32Ed. 4/5/86 LAST NM 21/89
Change — Visibility (range) of light to 17M (19/89 CG13) 24/89
48°19'07"N 122°50'33"W

★**18443** 13Ed. 8/21/82 — NEW EDITION (NOS) 46/82

18443 13Ed. 8/21/82 LAST NM 46/82
Add — Wreck (43/82 CG13) 48/82
47°58'58"N 122°14'41"W

18443 13Ed. 8/21/82 LAST NM 48/82
Add — Buoy "A", black and red bands, (topmost band black), I Qk Fl (See 48/82-18443) (44/82 CG13) 49/82

47°58'58"N 122°14'43"W

18443 13Ed. 8/21/82 LAST NM 49/82
Delete — Buoy "A" (30/84 CG13) 35/84
47°58'58"N 122°14'43"W

Relocate — Buoy close SW to and add designation "A"

47°59'46"N 122°18'35"W

Add — Buoys "AO", yellow, Fl Y 6s
"B", orange and white (Priv maintd)

46°58'57"N 122°14'43"W

47°59'52"N 122°18'25"W

18443 13Ed. 8/21/82 LAST NM 35/84
Add — Light Fl 2.5s 60ft 10M (44, 47/84 CG13) 2/85
47°59'43.4"N 122°13'18.2"W

18443 13Ed. 8/21/82 LAST NM 2/85
Change — Light to "1" FG 12ft (Priv maintd) (48/84 CG13) 5/85
48°01'17"N 122°19'13"W

Add — Light "2" FR 8ft (Priv maintd) (PA)

48°01'16"N 122°19'13"W

18443 13Ed. 8/21/82 LAST NM 5/85
Delete — Designation "1" from light (7/85 CG13) 12/85
48°00'56"N 122°16'10"W

Change — Buoy "3" to "1" Fl G 6s BELL

47°59'25"N 122°15'02"W

18443	13Ed. 8/21/82 LAST NM 12/85		(21/85 CG13) 25/85
	Change	Buoy to green can	48°00'16"N 122°17'40"W
		Designation of buoy "3A" to "3"	47°58'59"N 122°13'57"W
18443	13Ed. 8/21/82 LAST NM 25/85		(27/85 CG13) 31/85
	Change	Designation of light "4" to "2"	47°59'05"N 122°13'41"W
★18443	13Ed. 8/21/82 LAST NM 31/85		(CL 20/86) 9/86
	Add	"Cable Area" bound by shore and dashed lines between	48°01'05"N 122°19'14"W 48°02'52"N 122°16'18"W
		between	48°01'12"N 122°19'22"W 48°02'57"N 122°16'30"W
18443	13Ed. 8/21/82 LAST NM 9/86		(28/86 CG13) 36/86
	Change	Color of buoy "3" to green	47°58'59"N 122°13'57"W
18443	13Ed. 8/21/82 LAST NM 36/86		(40/86 CG13) 51/86
	Relocate	Buoy "3" close SE to (See 36/86-18443)	47°58'58.2"N 122°13'55.9"W
18443	13Ed. 8/21/82 LAST NM 51/86		(20/87 CG13) 28/87
	Change	Color of buoy "1" to green	48°03'02"N 122°21'11"W
18443	13Ed. 8/21/82 LAST NM 28/87		(25/87 CG13) 33/87
	Add	Buoy, white and orange bands, (Priv maintd)	47°58'38"N 122°20'58"W
18443	13Ed. 8/21/82 LAST NM 33/87		(50/87 CG13) 5/88
	Relocate	Buoy "3" (47°58'58"N 122°13'56"W) to	47°58'58"N 122°13'58"W
18443	13Ed. 8/21/82 LAST NM 5/88		(1/88 CG13) 6/88
	Delete	Light "2"	47°59'05"N 122°13'41"W
18443	13Ed. 8/21/82 LAST NM 6/88		(10/88 CG13) 15/88
	Change	Color of buoy "1" to green	47°59'24"N 122°15'02"W
18443	13Ed. 8/21/82 LAST NM 15/88		(3/89 CG13) 7/89
	Relocate	Range light, front close NE to and change height to 33ft. Note: Characteristic and range bearing unchanged	47°59'34.5"N 122°13'13.5"W
★18444	12Ed. 4/15/89	NEW EDITION	(NOS) 23/89
★18445	22Ed. 12/20/86	NEW EDITION	(NOS) 13/87
		(Page C)	
	Relocate	Buoy close NE to and change color to yellow (Previously published 12/87)	47°16'40.2"N 122°42'25.4"W
18445	22Ed. 12/20/86 LAST NM 13/87		(4, 8/87 CG13) 14/87
		(Page E)	
	Change	Color of buoys, each to yellow	
		"A"	47°45'47"N 122°43'18"W
		"B"	47°44'23"N 122°44'21"W
		Visibility (range) of light to 6M	47°48'48"N 122°42'48"W
18445	22Ed. 12/20/86 LAST NM 14/87		(10, 11/87 CG13) 17/87
		(Page A)	
	Add	Buoy (mooring) (Priv maintd)	47°35'12"N 122°22'13"W
		(Page B, Inset 3)	
	Change	Color of buoy "5" to green	47°37'17"N 122°30'11"W
		(Page C)	
	Add	Stranded wreck (PA) marked by buoy, Q	47°14.2'N 122°37.7'W
18445	22Ed. 12/20/86 LAST NM 17/87		(12, 14/87 CG13) 23/87
		(Page A)	
	Change	Color of buoy "1" to green	47°54'30"N 122°24'00"W
		Color of buoy "SG" to yellow	47°39'43"N 122°27'45"W
		Characteristic of light "1" to FG	47°48'38"N 122°23'18"W
		Light "2" to Fl R 2.5s 15ft 4M	47°53'16"N 122°36'40"W

SUBREGIONS

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★18445	22Ed. 12/20/86 LAST NM 23/87			(NOS) 26/87
		(Page A)		
	Change	Designation of buoys "B" to "A"		47°25'10"N 122°25'40"W
		"B" to "A"		47°53'50"N 122°23'40"W
		Characteristic of lights, each to		
		Fl R 6s		
		"2"		47°34'38"N 122°28'30"W
		"12"		47°33'57"N 122°36'45"W
18445	22Ed. 12/20/86 LAST NM 26/87			(NOS, 16/87 CG13) 27/87
		(Page C)		
	Delete	Light		47°11'31"N 122°41'12"W
	Add	Period 4s to light "1"		47°17'16"N 122°24'41"W
		(Page D, Inset 8)		
	Substitute	Depth 0 fathom 1 foot for 0 fathom		47°13'33.9"N 122°43'03.5"W
18445	22Ed. 12/20/86 LAST NM 27/87			(18, 20/87 CG13) 28/87
		(Page C)		
	Delete	Buoy "B"		47°10'33"N 122°30'09"W
	Change	Characteristic of light "6" to Fl R 4s		47°13'09"N 122°36'03"W
18445	22Ed. 12/20/86 LAST NM 28/87			(24/87 CG13) 33/87
		(Page A)		
	Add	Buoy, white and orange bands,		
		(Priv maintd)		47°33'24"N 122°24'23"W
		(Page C)		
	Delete	Buoy "A"		47°12'18"N 122°36'23"W
18445	22Ed. 12/20/86 LAST NM 33/87			(27/87 CG13) 37/87
		(Page C)		
	Change	Color of buoy "3" to green		47°07'21"N 122°45'30"W
18445	22Ed. 12/20/86 LAST NM 37/87			(FED REG 9/14/87) 44/87
		(Page E)		
	Add	"SECURITY ZONE 165.1302		
		(see note A)" area bound by		
		shore and purple dashed line		
		joining		47°43'24"N 122°44'37"W
				47°43'28"N 122°44'40"W
				47°43'50"N 122°44'43"W
				47°44'24"N 122°44'22"W
				47°45'47"N 122°43'22"W
				47°46'23"N 122°43'47"W
				47°46'23"N 122°43'23"W
				47°46'20"N 122°42'44"W
		"SECURITY ZONE ANCHORAGE		
		165.1302 (see note A)" area bound		
		by purple dashed-line circle,		
		radius 1000 yards centered		47°46'23"N 122°43'49"W
18445	22Ed. 12/20/86 LAST NM 44/87			(38/87 CG13) 46/87
		(Page A)		
	Add	Buoys (2) yellow, Fl Y 6s		
		(Priv maintd)		47°34'30"N 122°31'30"W
		(2) orange and white,		
		Fl Y 6s (Priv maintd)		47°53'05"N 122°37'44"W
		Buoy, yellow, Fl Y (Priv maintd)		47°52'34"N 122°37'08"W
18445	22Ed. 12/20/86 LAST NM 46/87			(37/87 CG13) 48/87
		(Page C)		
	Delete	Light		47°16'35"N 122°24'59"W
18445	22Ed. 12/20/86 LAST NM 48/87			(49/87 CG13) 4/88
		(Page A)		
	Delete	Buoy		47°52'34"N 122°37'08"W
		(See 46/87-18445)		
18445	22Ed. 12/20/86 LAST NM 4/88			(FED REG 12/17/87, 1/88 CG13) 6/88
		(Page C & Page D, Inset 8)		
	Change	Color of buoys, each to green		
		"1"		47°16'31"N 122°38'37"W
		"1"		47°14'30"N 122°42'48"W

(continued on next page)

19445	(Continued)		6/88
		(Page E)	
	Delete	Purple dashed lines between	47°43'24"N 122°44'37"W 47°43'28"N 122°44'40"W
		between	47°46'23"N 122°42'20"W 47°46'20"N 122°42'14"W
	Add	Purple dashed lines between	47°43'17"N 122°44'44"W 47°43'32"N 122°44'40"W
		between	47°46'23"N 122°42'20"W 47°46'20"N 122°42'12"W
		(See 44/87-18445)	
19465	22Ed. 12/20/86 LAST NM 6/88		(BP13953-56) 10/88
		(Page F, Inset 9)	
	Change	Legends to "27 FT FOR WIDTH OF 500 FT SEPT-OCT 198?" "14 FEET FOR MIDDLE WIDTH OF 100 FEET SEPT 198?" "29 FT BY 300 FT SEPT-OCT 198?" "25 FT SEPT-OCT 198?"	47°04'30"N 122°55'00"W 47°03'47"N 122°54'00"W 47°03'45"N 122°54'23"W 47°03'17"N 122°54'22"W
19465	22Ed. 12/20/86 LAST NM 10/88		(6/88 CG13) 11/88
		(Page C)	
	Relocate	Buoy (47°16'40"N 122°42'25"W) to (See 13/87-18445)	47°16'33"N 122°42'34"W
19465	22Ed. 12/20/86 LAST NM 11/88		(CL691/87) 23/88
		(Page A)	
	Add	Purple dashed line "Sewer" joining	47°35'43"N 122°23'12"W 47°35'46"N 122°23'14"W 47°36'12"N 122°25'34"W
		between	47°35'45"N 122°23'13"W 47°35'58"N 122°25'35"W
		(Page B, Inset 4)	
	Add	Purple dashed line "Sewer" joining	47°35'43"N 122°23'12"W 47°35'46"N 122°23'14"W 47°35'52"N 122°23'35"W
		between	47°35'45"N 122°23'13"W 47°35'48"N 122°24'02"W
19465	22Ed. 12/20/86 LAST NM 23/88		(21, 22/88 CG13, USCG LL) 27/88
		(Page A)	
	Change	Color of buoy "SF" to yellow	47°45'55"N 122°26'12"W
		(Page E)	
	Delete	Light "B" Bn	47°38'34"N 122°49'35"W 47°43'18"N 122°52'53"W
	Relocate	Light "A" (47°38'39"N 122°49'41"W) to and change characteristic to Fl Y 2.5s	47°39'24"N 122°49'35"W
19465	22Ed. 12/20/86 LAST NM 27/88		(28, 29/88 CG13) 34/88
		(Page C)	
	Delete	Buoy "B"	47°12'12"N 122°36'24"W
	Change	Characteristic of light "7" to Fl G 4s	47°10'25"N 122°30'12"W
19465	22Ed. 12/20/86 LAST NM 34/88		(30, 32/88 CG13) 39/88
		(Page A)	
	Change	Color of buoy "1" to green	47°54'30"N 122°26'14"W
		(Page A & Page D, Inset 1)	
	Change	Color of buoy "1" to green	47°57'48"N 122°40'14"W
19465	22Ed. 12/20/86 LAST NM 39/88		(40/88 CG13) 45/88
		(Page A)	
	Substitute	Lights (2) Fl Y 6s (Priv. maintd) for buoys (2) (See 46/87-18445)	47°34'30"N 122°31'30"W

18445 22Ed. 12/20/86 LAST NM 45/88 (41/88 CG13) 46/88
(Page A)
Change Color of buoy "SD" to yellow 47°57'53"N 122°34'42"W

18445 22Ed. 12/20/86 LAST NM 46/88 (44/88 CG13) 49/88
(Page A)
Change Color of buoy "TA" to yellow 47°26'53"N 122°24'12"W

(Page B, Inset 7 & Page C)
Delete Designation "2" from light 47°19'36"N 122°34'25"W

Change Color of buoy "TA" to yellow 47°26'53"N 122°24'12"W

18445 22Ed. 12/20/86 LAST NM 49/88 (45, 46/88 CG13) 52/88
(Page A)
Delete Position circle "STACK" 47°51'18"N 122°34'48"W

Change Color of beacon to red and green bands (topmost band red) 47°34'40"N 122°31'51"W

18445 22Ed. 12/20/86 LAST NM 52/88 (10/89 CG13) 14/89
(Page C)
Add Buoy, yellow, Fl Y 4s (Priv maintd) 47°16'42"N 122°25'13"W

18445 22Ed. 12/20/86 LAST NM 14/89 (NOS) 16/89
(Page B, Inset 6)
Add Light QG (PA) 42°17'42.8"N 122°25'07.0"W

18445 22Ed. 12/20/86 LAST NM 16/89 (13/89 CG13) 18/89
(Page A)
Change Characteristic of light to Q 47°35'26"N 122°20'41"W

18445 22Ed. 12/20/86 LAST NM 18/89 (19/89 CG13) 24/89
(Page E)
Delete Light "A" 47°39'24"N 122°49'35"W
(See 27/88-18445)

Add Buoy "A", yellow, Fl Y 2.5s 47°38'34"N 122°49'34"W

18445 22Ed. 12/20/86 LAST NM 24/89 (CL406/89) 25/89
(Page B, Inset 5)
Add Purple dashed line "Sewer" between 47°33'08.0"N 122°39'11.0"W
47°33'17.5"N 122°39'11.0"W

★**18446** 13Ed. 5/10/86 NEW EDITION (NOS) 29/86
Change Legend GC"1" to G"1" 47°41'49"N 122°24'31"W

18446 13Ed. 5/10/86 LAST NM 29/86 (28/86 CG13) 36/86
Change Color of buoy "1" to green 47°40'46"N 122°24'48"W

18446 13Ed. 5/10/86 LAST NM 36/86 (14/87 CG13) 23/87
Change Color of buoy "SG" to yellow 47°39'42"N 122°27'48"W
Characteristic of light "1" to FG 47°48'35"N 122°23'25"W

★**18446** 13Ed. 5/10/86 LAST NM 23/87 (49/87 CG13) 4/88
Change Color of buoy "7" to green 47°40'26"N 122°24'29"W

18446 13Ed. 5/10/86 LAST NM 4/88 (22/88 CG13) 27/88
Change Color of buoy "SF" to yellow 47°45'55"N 122°26'11"W

★**18447** 22Ed. 11/1/86 NEW EDITION (NOS) 5/87
(Side B)
Add Lights, 4 FR (Priv maintd) 47°36'15"N 122°16'50"W
6 FR (Priv maintd) 47°36'04"N 122°16'56"W
(Previously published 52/86)

★**18447** 22Ed. 11/1/86 LAST NM 5/87 (3/87 CG13) 9/87
(Sides A & B)
Change Color of buoys, each to green
"29" 47°38'52"N 122°17'21"W
"31" 47°38'52"N 122°16'47"W

★**18447** 22Ed. 11/1/86 LAST NM 9/87 (14/87 CG13) 23/87
(Side A)
Delete Buoy "24" 47°38'50"N 122°18'35"W

(continued on next page)

18447	(Continued)		23/87
		(Side B)	
	Delete	Buoys "2"	47°41'42"N 122°13'01"W
		"6"	47°41'55"N 122°12'58"W
	Change	Color of beacon to white and orange and delete designation "4"	47°41'49"N 122°12'59"W
18447	22Ed. 11/1/86 LAST	NM 23/87	(17/87 CG13) 27/87
		(Side A)	
	Delete	Light	47°38'31.4"N 122°20'27.0"W
		(Side B)	
	Delete	Light symbol	47°36'05.5"N 122°16'56.0"W
18447	22Ed. 11/1/86 LAST	NM 27/87	(25/87 CG13) 33/87
		(Side A)	
	Change	Color of buoy "13" to green	47°38'37"N 122°19'57"W
18447	22Ed. 11/1/86 LAST	NM 33/87	(CL931/86) 39/87
		(Side A)	
	Substitute	Depth 10 feet for 14 feet	47°40'10.8"N 122°25'24.9"W
18447	22Ed. 11/1/86 LAST	NM 39/87	(33/87 CG13) 43/87
		(Side A)	
	Change	Legend to "Subm pile (cov 19ft)"	47°39.0'N 122°19.7'W
18447	22Ed. 11/1/86 LAST	NM 43/87	(35/87 CG13) 47/87
		(Side B)	
	Delete	Light	47°32'38"N 122°12'25"W
18447	22Ed. 11/1/86 LAST	NM 47/87	(49/87 CG13) 4/88
		(Side A)	
	Change	Color of buoy "7" to green	47°40'26"N 122°24'29"W
18447	22Ed. 11/1/86 LAST	NM 4/88	(24/88 CG13) 33/88
		(Side B)	
	Add	Dangerous wreck (PA)	47°35.3'N 122°15.4'W
18447	22Ed. 11/1/86 LAST	NM 33/88	(37/88 CG13) 42/88
		(Side A)	
	Change	Note to "LAKE WASHINGTON SHIP CANAL BRIDGE SIGNALS The signal to open bridges is one prolonged blast followed by one short blast of whistle or horn for all bridges across the Lake Washington Ship Canal."	47°38'14"N 122°22'53"W
18447	22Ed. 11/1/86 LAST	NM 42/88	(42/88 CG13) 47/88
		(Side A)	
	Change	Note to "LAKE WASHINGTON SHIP CANAL BRIDGE SIGNALS The signal to open bridges is one prolonged blast followed by one short blast of whistle or horn for all bridges across the Lake Washington Ship Canal. Five short blasts of whistle or horn from any bridge indicates the draw is not ready to be opened immediately. (Supersedes 42/88-18447)	47°38'14"N 122°22'08"W
18447	22Ed. 11/1/86 LAST	NM 47/88	(43/88 CG13) 48/88
		(Page B)	
	Delete	Note "RACING BUOYS"	47°29'40"N 122°16'00"W
		Buoy "Z"	47°36'10"N 122°16'42"W
18448	22Ed. 10/12/85	NEW EDITION	(NOS) 52/85
	Change	Characteristic of buoys	
		"1" to Fl G 2.5s	47°06.7'N 122°41.8'W
		"3" to Fl G 4s	47°07.3'N 122°45.0'W
		(Previously published 47/85)	
18448	22Ed. 10/12/85 LAST	NM 52/85	(5/86 CG13) 10/86
	Delete	Designation "7" from light	47°11'22"N 122°41'40"W
	Change	Light to Fl G 4s 6M	47°10'25"N 122°55'06"W

18448	22Ed. 10/12/85 LAST NM 10/86		(8/86 CG13) 13/86
	Change	Characteristic of light "2" to Fl R 6s	47°34'58"N 122°28'33"W
★**18448**	22Ed. 10/12/85 LAST NM 13/86		(10/86 CG13) 15/86
	Relocate	Buoys "A" close S to	47°12'18"N 122°36'23"W
		"B" close S	47°12'14"N 122°36'24"W
18448	22Ed. 10/12/85 LAST NM 15/86		(20/86 CG13) 26/86
	Delete	Buoys (0) in vicinity	47°24'23"N 122°25'49"W
18448	22Ed. 10/12/85 LAST NM 26/86		(21, 28/86 CG13) 36/86
	Change	Color of buoy to red and green bands (topmost band red)	47°12'08"N 122°36'21"W
	Add	Lights, each Fl Y 6s (Priv maintd)	
		"A"	47°12'02"N 122°54'13"W
		"B"	47°12'04"N 122°54'10"W
18448	22Ed. 10/12/85 LAST NM 36/86		(33/86 CG13) 40/86
	Change	Color of buoy "9" to green	47°11'25"N 122°41'59"W
18448	22Ed. 10/12/85 LAST NM 40/86		(35/86 CG13) 45/86
	Change	Color of buoy "2B" to yellow	47°23'06"N 122°21'08"W
★**18448**	22Ed. 10/12/85 LAST NM 45/86		(44/86 CG13) 49/86
	Change	Light "9" to QG 4M HORN (Bl 30 sec)	47°35'25"N 122°32'57"W
	Add	Light 2FR (Priv maintd)	47°11'28"N 122°41'12"W
18448	22Ed. 10/12/85 LAST NM 49/86		(34, 40/86 CG13) 51/86
	Delete	Designation "7" from light and change characteristic to Fl Y 6s	47°23'48"N 122°19'48"W
	Change	Color of buoy "1" to green	47°06'42"N 122°41'48"W
18448	22Ed. 10/12/85 LAST NM 51/86		(CL1304/86) 52/86
	Add	Dangerous submerged rock "Rep (1986)" (PA)	47°20'32"N 122°27'22"W
18448	22Ed. 10/12/85 LAST NM 52/86		(6/87 CG13) 12/87
	Relocate	Buoy close NE to and change color to yellow	47°16'40.2"N 122°42'25.4"W
18448	22Ed. 10/12/85 LAST NM 12/87		(11/87 CG13) 17/87
	Add	Stranded wreck (PA) marked by buoy, Q	47°14'12"N 122°37'42"W
18448	22Ed. 10/12/85 LAST NM 17/87		(16/87 CG13) 27/87
	Delete	Light (See 49/86-18448)	47°11'28"N 122°41'12"W
★**18448**	22Ed. 10/12/85 LAST NM 27/87		(18, 20/87 CG13) 28/87
	Delete	Buoy "B"	47°10'33"N 122°50'09"W
	Change	Characteristic of light "6" to Fl R 4s	47°13'09"N 122°36'03"W
18448	22Ed. 10/12/85 LAST NM 28/87		(24/87 CG13) 33/87
	Delete	Buoy "A"	47°12'18"N 122°36'23"W
★**18448**	22Ed. 10/12/85 LAST NM 33/87		(27/87 CG13) 37/87
	Change	Color of buoy "3" to green	47°07'21"N 122°45'01"W
18448	22Ed. 10/12/85 LAST NM 37/87		(FED REG 10/22/85) 38/87
	Change	Legends to	
		"RESTRICTED AREA 334.1250 (see note A)"	47°15'45"N 122°41'30"W
		"RESTRICTED AREA 1 334.1240 (see note A)"	47°32'54"N 122°41'30"W
		"RESTRICTED AREA 2 334.1240 (see note A)"	47°33'12"N 122°41'45"W
18448	22Ed. 10/12/85 LAST NM 38/87		(38/87 CG13) 46/87
	Add	Buoys (2), yellow, Fl Y 6s (Priv maintd)	47°34'30"N 122°31'30"W
18448	22Ed. 10/12/85 LAST NM 46/87		(37/87 CG13) 48/87
	Delete	Light	47°16'35"N 122°24'59"W

18448	22Ed. 10/12/85 LAST NM 48/87		
	Change	Color of buoys, each to green "1" "1"	(1/88 CG13) 6/88
★18448	22Ed. 10/12/85 LAST NM 6/88		
	Relocate	Buoy (47°16'40"N 122°42'25"W) to (See 12/87-18448)	47°16'33"N 122°42'34"W (6/88 CG13) 11/88
18448	22Ed. 10/12/85 LAST NM 11/88		
	Add	Purple dashed line "Sewer" joining	(CL691/87) 23/88 47°35'43"N 122°23'12"W 47°35'46"N 122°23'14"W 47°36'00"N 122°24'24"W
		between	47°35'45"N 122°23'13"W 47°35'58"N 122°25'35"W
★18448	22Ed. 10/12/85 LAST NM 23/88		
	Delete	Buoy "B"	(28, 29/88 CG13) 34/88 47°12'14"N 122°36'24"W
	Change	Characteristic of light "7" to Fl G 4s	47°10'24"N 122°50'12"W
18448	22Ed. 10/12/85 LAST NM 34/88		(40/88 CG13) 45/88
	Substitute	Lights (2) Fl Y 6s (Priv maintd) for buoys (2) (See 46/87-18448)	47°34'30"N 122°31'30"W
18448	22Ed. 10/12/85 LAST NM 45/88		(44/88 CG13) 49/88
	Delete	Designation "2" from light	47°19.6'N 122°34.4'W
	Change	Color of buoy "TA" to yellow	47°26.9'N 122°24.2'W (46/88 CG13) 52/88
18448	22Ed. 10/12/85 LAST NM 49/88		
	Change	Color of buoy to red and green bands (topmost band red)	47°34'40"N 122°31'51"W (10/89 CG13) 14/89
18448	22Ed. 10/12/85 LAST NM 52/88		47°16'42"N 122°25'13"W
	Add	Buoy, yellow, Fl Y 4s (Priv maintd)	
★18449	12Ed. 8/25/84	NEW EDITION	(NOS) 47/84
	Change	Characteristic of light to Fl Y 6s (Previously published 39/84)	47°34'40"N 122°31'31"W 47°31'41"N 122°29'23"W
	Delete	Buoy "Priv Maintd" (Previously published 41/84)	
	Add	Buoys, each white and orange bands, spherical, (Priv maintd) "A" "B" (Previously published 41/84)	47°31'46"N 122°29'38"W 47°31'40"N 122°29'25"W
★18449	12Ed. 8/25/84 LAST NM 47/84		(43/84 CG13) 52/84
	Change	Characteristic of buoy "6" to Fl R 4s	47°34'27"N 122°31'57"W
18449	12Ed. 8/25/84 LAST NM 52/84		(NOS) 1/85
	Add	Lights Q Fl Y 6s	47°34'35.5"N 122°31'40.4"W 47°34'37.2"N 122°31'41.2"W
18449	12Ed. 8/25/84 LAST NM 1/85		(10/85 CG13) 14/85
	Delete	Light	47°35'20"N 122°21'20"W
18449	12Ed. 8/25/84 LAST NM 14/85		(13/85 CG13) 17/85
	Change	Characteristic of buoy "1" to Fl Y 4s, Fl Y 2.5s	47°34'34"N 122°27'00"W
★18449	12Ed. 8/25/84 LAST NM 17/85		(25/85 CG13) 29/85
	Change	Characteristic of light to Fl(2+1) R	47°36'35"N 122°29'11"W
18449	12Ed. 8/25/84 LAST NM 29/85		(36/85 CG13) 41/85
	Change	Color of buoy "T" to yellow	47°34'34"N 122°27'00"W
18449	12Ed. 8/25/84 LAST NM 41/85		(42/85 CG13) 46/85
	Delete	Designation "2" from light	47°35'57"N 122°23'12"W
★18449	12Ed. 8/25/84 LAST NM 46/85		(NOS) 2/86
	Add	Chartlet, depicting changes in hydrography, from back of Section I	47°35.0'N 122°20.5'W

18449 12Ed. 8/25/84 LAST NM 2/86
Add — Tabulation of controlling depths from back of Section I — (BP127871-74) 10/86

18449 12Ed. 8/25/84 LAST NM 10/86
Add — Chartlet, depicting changes in hydrography, from back of Section I (See 2/86-18449) — (NOS) 12/86

47°35'00"N 122°21'30"W

18449 12Ed. 8/25/84 LAST NM 12/86
Change — Characteristic of light "2" to Fl R 6s — (8/86 CG13) 13/86

47°34'58"N 122°28'33"W

18449 12Ed. 8/25/84 LAST NM 13/86
Substitute — Solid lines for dashed lines between — (CL146, 235/86) 18/86

47°34'16.0"N 122°21'10.5"W
47°34'16.0"N 122°21'03.0"W

between

47°34'17.0"N 122°21'11.9"W
47°34'17.0"N 122°21'04.9"W

(See 2/86-18449)

Change — Legend to
"FIXED BRIDGE
HOR CL 150 FT
VERT CL 140 FT"

47°34'14"N 122°20'50"W

Add — Legend "Bridge under constr"

47°34'17"N 122°20'40"W

18449 12Ed. 8/25/84 LAST NM 18/86
Change — Light "9" to QG 2sfl 4M HORN (Bl 30 sec) — (44/86 CG13) 49/86

47°35'25.5"N 122°32'57.4"W

18449 12Ed. 8/25/84 LAST NM 49/86
Change — Color of buoy "1" to green — (34/86 CG13) 51/86

47°37'42"N 122°23'00"W

★**18449** 12Ed. 8/25/84 LAST NM 51/86
Delete — Buoys (mooring) — (10, 11/87 CG13) 17/87

47°35'26"N 122°22'05"W
47°35'23"N 122°22'17"W

Change — Color of buoy "5" to green

47°37'17"N 122°30'10"W

Add — Buoy (mooring) (Priv maintd)

47°35'12"N 122°22'13"W

18449 12Ed. 8/25/84 LAST NM 17/87
Change — Color of buoy "SG" to yellow — (14/87 CG13) 23/87

47°39'42"N 122°27'47"W

18449 12Ed. 8/25/84 LAST NM 23/87
Add — Buoy, white and orange bands. (Priv maintd) — (24/87 CG13) 33/87

47°33'24"N 122°24'23"W

18449 12Ed. 8/25/84 LAST NM 33/87
Change — Legends to
"RESTRICTED AREA 1
334.1240 (see note A)"
"RESTRICTED AREA 2
334.1240 (see note A)"
"RESTRICTED AREA
334.1240 (see note A)" — (FED REG 10/22/85) 38/87

47°33'06"N 122°38'00"W

47°33'38"N 122°38'50"W

47°39'31"N 122°36'10"W

★**18449** 12Ed. 8/25/84 LAST NM 38/87
Add — Buoys, yellow, Fl Y 6s (Priv maintd) — (38/87 CG13) 46/87

47°34'29"N 122°31'29"W
47°34'32"N 122°31'30"W

18449 12Ed. 8/25/84 LAST NM 46/87
Add — Purple dashed line "Sewer" joining — (CL691/87) 23/88

47°35'43"N 122°23'12"W
47°35'46"N 122°23'14"W
47°36'12"N 122°25'34"W

between

47°35'45"N 122°23'13"W
47°35'58"N 122°25'35"W

★**18449** 12Ed. 8/25/84 LAST NM 23/88
Substitute — Lights Fl Y 6s (Priv maintd) for buoy — (40/88 CG13) 45/88

47°34'29"N 122°31'29"W
47°34'32"N 122°31'30"W

(See 46/87-18449)

18449	12Ed. 8/25/84 LAST NM 45/88		(CL94/89) 14/89
	Substitute	Double dashed line for double solid line joining	47°37'00"N 122°21'22"W 47°36'59"N 122°21'30"W 47°36'58"N 122°21'28"W
		and add legend "Rep removed (1989)"	
18449	12Ed. 8/25/84 LAST NM 14/89		(13/89 CG13) 18/89
	Change	Characteristic of light to Q (See 2/86-18449)	47°35'26"N 122°20'41"W
★18450	11Ed. 3/25/89	NEW EDITION	(NOS; 13/89 CG13) 23/89
	Change	Characteristic of light to Q	47°35'25"N 122°20'46"W
		Note to "FIXED BRIDGE HOR CL 150 FT VERT CL 140 FT"	47°34'12"N 122°21'19"W
	Add	Tabulation of controlling depths from back of Section I	
★18452	13Ed. 8/24/85	NEW EDITION	(NOS) 48/85
★18452	13Ed. 8/24/85 LAST NM 48/85		(MCNM7880/87) 6/87
	Add	Note "CAUTION NO 1 The compass rose is misaligned and should not be used for navigation."	47°33'47"N 122°40'30"W
		Legend "SEE CAUTION NOTE NO 1"	47°33'09"N 122°40'25"W
18452	13Ed. 8/24/85 LAST NM 6/87		(FED REG 10/22/85) 38/87
	Change	Legends to "RESTRICTED AREA 1 334.1240 (see note A)"	47°32'57"N 122°38'30"W 47°32'16"N 122°40'18"W
		"RESTRICTED AREA 2 334.1240 (see note A)"	47°33'10"N 122°38'47"W
★18452	13Ed. 8/24/85 LAST NM 38/87		(CL406/89) 25/89
	Add	Purple dashed line "Sewer" between	47°33'08.0"N 122°39'11.0"W 47°33'17.5"N 122°39'11.0"W
★18453	18Ed. 7/28/84	NEW EDITION	(NOS) 42/84
	Add	Light QG (Previously published 35/84)	47°17'42.8"N 122°25'07.0"W
★18453	18Ed. 7/28/84 LAST NM 42/84		(4/85 CG13) 9/85
	Delete	Designation "1" from light	47°19'01"N 122°32'49"W
★18453	18Ed. 7/28/84 LAST NM 9/85		(5/85 CG13) 10/85
	Change	Characteristic of light "1" to Fl G 4s	47°17'15"N 122°24'41"W
★18453	18Ed. 7/28/84 LAST NM 10/85		(13/85 CG13) 17/85
	Change	Color of buoy "3" to green	47°16'47"N 122°23'57"W
	Add	Note in upper right margin of chart "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency	

tinued on next page)

★18453 (Continued)
Add — Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."

18453 18Ed. 7/28/84 LAST NM 17/85
Add — Buoys, white and orange bands, can (Priv maintd) — (45/84, 22/85 CG13) 26/85
47°17'06"N 122°28'53"W
47°17'01"N 122°28'43"W

★18453 18Ed. 7/28/84 LAST NM 26/85
Add — Tabulations (2) of controlling depths from back of Section I — (CL336, 344/86; BP128868-70, 90-92) 25/86

★18453 18Ed. 7/28/84 LAST NM 25/86
Delete — Light

★18453 18Ed. 7/28/84 LAST NM 48/87
Add — Buoy, yellow, Fl Y 4s (Priv maintd) — (37/87 CG13) 48/87
47°16'35"N 122°24'59"W

★18454 4Ed. 9/22/84
Add — NEW EDITION
Buoys, each white and orange bands, spherical, (Priv maintd) — (10/89 CG13) 14/89
47°16'41.6"N 122°25'13.2"W
"A" — (DMAHTC) N47/84
"B"
47°12'36"N 122°36'22"W
47°12'19"N 122°36'24"W
(Previously published N41/84)

18454 4Ed. 9/22/84 LAST NM 47/84
Change — Legend to "(Correct through NM 38/84)" in lower left margin of chart — (NVS7355/84) N48/84

18454 4Ed. 9/22/84 LAST NM 48/84
Add — Buoys, each orange and white bands, Fl 6s (Priv maintd) — (40/84 CG13) N50/84
47°14'29"N 122°42'22"W
47°14'23"N 122°42'15"W
47°14'19"N 122°42'21"W
47°14'25"N 122°42'28"W

18454 4Ed. 9/22/84 LAST NM 50/84
Change — Characteristic of buoys to Fl R(2+1) Fl Y 4s — (45/84 CG13) N52/84
47°12'09"N 122°36'21"W
47°16'32"N 122°42'33"W

18454 4Ed. 9/22/84 LAST NM 52/84
Delete — Designation "1" from light — (4/85 CG13) N9/85
47°19'01"N 122°32'49"W

18454 4Ed. 9/22/84 LAST NM 9/85
Relocate — Buoy close NW to — (10/85 CG13) N14/85
47°16'32.9"N 122°42'34.1"W

18454 4Ed. 9/22/84 LAST NM 14/85
Delete — Buoys — (21/85 CG13) N25/85
47°14'29"N 122°42'22"W
47°14'23"N 122°42'15"W
47°14'19"N 122°42'21"W
47°14'25"N 122°42'28"W

(See N50/84-18454)

18454 4Ed. 9/22/84 LAST NM 25/85
Add — Buoy "L", orange, Fl 3s (Priv maintd) — (26/85 CG13) N31/85
47°14'55"N 122°38'55"W

18454 4Ed. 9/22/84 LAST NM 31/85
Delete — Designation "7" from light — (5/86 CG13) N10/86
47°11'22"N 122°41'40"W

18454 4Ed. 9/22/84 LAST NM 10/86
Relocate — Buoys — (10/86 CG13) N15/86
"A" (47°12'36"N 122°36'22"W) to
"B" (47°12'19"N 122°36'24"W) — 47°12'18"N 122°36'23"W
47°12'14"N 122°36'24"W

18454 4Ed. 9/22/84 LAST NM 15/86
Change — Color of buoy to red and green bands (topmost band red) — (28/86 CG13) N36/86

18454 4Ed. 9/22/84 LAST NM 36/86
Change — Color of buoy "9" to G — 47°12'09"N 122°36'21"W
(33/88 CG13) N40/86
47°11'27"N 122°41'57"W

(continued on next page)

18454	(Continued) Add	Note "BUOYAGE IALA Buoyage System (Region B) is in effect in the area covered by this chart. See Chart No. 1."	N40/86
18454	4Ed. 9/22/84 LAST NM 40/86 Relocate	Buoy close NE to and change color to yellow	47°18'15"N 122°37'00"W (6/87 CG13) N12/87 47°16'40.2"N 122°42'25.4"W
18454	4Ed. 9/22/84 LAST NM 12/87 Add	Stranded wreck (PA) marked by buoy, Q	(11/87 CG13) N17/87 47°14'12"N 122°37'42"W
18454	4Ed. 9/22/84 LAST NM 17/87 Delete	Buoy "A"	(24/87 CG13) N33/87 47°12'18"N 122°36'23"W
18454	4Ed. 9/22/84 LAST NM 33/87 Relocate	Buoy (47°16'40"N 122°42'25"W) to (See 12/87-18454)	(6/88 CG13) N11/88 47°16'32.8"N 122°42'34.1"W
*18455	1Ed. 8/27/83 Relocate	NEW CHART Position circle "EHW TOWER" close NNE to	(DMAHTC, 40/83 CG13) N46/83 47°45.26'N 122°43.33'W
	Change	Legend in upper center margin of chart "From U.S. Navy surveys in 1983" to "From NOS surveys in 1983"	
	Add	Bns, red and white (Priv maintd)	47°45'14.0"N 122°45'18.0"W 47°45'12.5"N 122°45'20.9"W
18455	1Ed. 8/27/83 LAST NM 46/83 Add	Buoy, orange and white (Navy maintd)	(47/83 CG13) N53/83 47°46'32"N 122°43'03"W
18455	1Ed. 8/27/83 LAST NM 53/83 Add	Buoy "A", yellow can (Navy maintd)	(38/84 CG13) N47/84 47°46'36.3"N 122°43'00.2"W
18455	1Ed. 8/27/83 LAST NM 47/84 Change	Characteristic of buoys, each to Fl Y 6s "A" "B"	(14/85 CG13) N18/85 47°45'48"N 122°43'24"W 47°44'25"N 122°44'24"W
18455	1Ed. 8/27/83 LAST NM 18/85 Delete	Lights	(10/83 CG13, US CH 18458) N29/85 47°44'56"N 122°43'30"W 47°44'53"N 122°43'36"W 47°44'44"N 122°43'35"W
	Relocate	Light "10" close SE to	47°45'03"N 122°45'15"W
	Substitute	Depths 10 fathoms 3 feet for 0 fathom 3 feet 11 fathoms 1 foot for 1 fathom 1 foot	47°47'20"N 122°41'33"W 47°48'33"N 122°43'04"W
18455	1Ed. 8/27/83 LAST NM 29/85 Change	Light "8" to Fl R 4s 15ft 6M Ra Ref	(3/86 CG13) N8/86 47°48'49"N 122°42'47"W
18455	1Ed. 8/27/83 LAST NM 8/86 Add	Buoy "B", Y, (Navy maintd)	(18/86 CG13) N23/86 47°46'34"N 122°42'57"W
18455	1Ed. 8/27/83 LAST NM 23/86 Delete	Buoy "B" (Supersedes N23/86-18455)	(20/86 CG13) N26/86 47°46'34"N 122°42'57"W
18455	1Ed. 8/27/83 LAST NM 26/86 Change	Color of buoys, each to yellow "A" "B"	(8/87 CG13) N14/87 47°45'48"N 122°43'24"W 47°44'25"N 122°44'24"W

18455 1Ed. 8/27/83 LAST NM 14/87 (FED REG 10/22/85, 9/14/87) N45/87

Change — Legends to "RESTRICTED AREA 334.1220 (see note)" — 47°44'58"N 122°43'48"W 47°46'44"N 122°42'50"W

Legend to "(NAVY II) NAVAL OPERATIONS AREA 334.1190 (see note)" — 47°44'52"N 122°44'28"W

Add — "SECURITY ZONE ANCHORAGE 165.1302 (see note)" area bound by shore and purple dashed-line greater arc of a circle, radius 1,000 yards, centered — 47°46'26"N 122°42'49"W

"SECURITY ZONE 165.1302 (see note)" area bound by shore and purple dashed line joining — 47°43'24"N 122°44'37"W 47°43'31"N 122°44'41"W 47°43'50"N 122°44'40"W 47°44'24"N 122°44'22"W 47°45'47"N 122°43'22"W 47°46'23"N 122°42'42"W 47°46'23"N 122°42'20"W 47°46'19"N 122°42'15"W

18455 1Ed. 8/27/83 LAST NM 45/87 (FED REG 12/17/87) N6/88

Delete — Purple dashed line: between — 47°43'24"N 122°44'37"W 47°43'31"N 122°44'41"W

between — 47°46'23"N 122°42'20"W 47°46'19"N 122°42'15"W

Add — Purple dashed lines between — 47°43'17"N 122°44'44"W 47°43'32"N 122°44'40"W

between — 47°46'23"N 122°42'20"W 47°46'20"N 122°42'12"W

(See N45/87-18455)

★**18456** 16Ed. 10/13/84 NEW EDITION (NOS) 51/84

★**18456** 16Ed. 10/13/84 LAST NM 51/84 (BP124268-69) 6/85

Add — Tabulation of controlling depths from back of Section I

★**18456** 16Ed. 10/13/84 LAST NM 6/85

Relocate — Buoy "12" close SE to — (10/85 CG13) 14/85 47°03'26.3"N 122°54'26.9"W

★**18456** 16Ed. 10/13/84 LAST NM 14/85

Relocate — Light "5" close SW to — (CL380/85) 29/85 47°04'30.6"N 122°54'52.3"W

18456 16Ed. 10/13/84 LAST NM 29/85

Change — Light "3" to Fl G 2.5s 22ft 4M — (28/85 CG13) 32/85 47°05'08"N 122°55'28"W

★**18456** 16Ed. 10/13/84 LAST NM 32/85

Change — Period of buoys, each to 4s — (43/85 CG13) 47/85

"2A" — 47°05.1'N 122°55.7'W

"4" — 47°04.4'N 122°54.9'W

18456 16Ed. 10/13/84 LAST NM 47/85

Change — Light to Fl G 4s 15ft 6M — (5/86 CG13) 10/86 47°10'26"N 122°55'05"W

★**18456** 16Ed. 10/13/84 LAST NM 10/86

Delete — Depth 12 feet — (CL65/88; BP133953-56) 10/88 47°03'06"N 122°54'20"W

Substitute — Depth 12 feet for 16 feet — 47°03'02"N 122°54'16"W

Change — Legend to "14 FEET FOR MIDDLE WIDTH OF 100 FEET SEPT 1987" — 47°03'48"N 122°54'00"W

Add — Tabulation of controlling depths from back of Section I

18456 16Ed. 10/13/84 LAST NM 10/88

Change — Characteristic of light "7" to Fl G 4s — (29/88 CG13) 34/88 47°10'24"N 122°52'10"W

★**18457** 7Ed. 4/23/83 NEW EDITION (NOS) 25/83

18457	7Ed. 4/23/83 LAST NM 25/83 Delete	Obscured sector (293°-158°) from light	(52/83 CG13) 4/84 47°10'26.5"N 122°55'05.4"W
18457	7Ed. 4/23/83 LAST NM 4/84 Delete	Buoys "A" "B" "C" "D"	(26/84 CG13) 30/84 47°10'35"N 122°54'32"W 47°10'33"N 122°54'20"W 47°10'43"N 122°54'26"W 47°10'46"N 122°54'36"W
18457	7Ed. 4/23/83 LAST NM 30/84 Change	Characteristic of light to Fl G 4s	(36/84 CG13) 41/84 47°11'54"N 122°56'14"W
18457	7Ed. 4/23/83 LAST NM 41/84 Change	Light to Fl G 4s 15ft 6M	(5/86 CG13) 10/86 47°10'26.5"N 122°55'05.4"W
★18458	12Ed. 4/1/89 Substitute	NEW EDITION Buoy, yellow, Fl Y 2.5s (Priv maintd) for light "A"	(NOS; 19/89 CG13) 24/89 47°38'33"N 122°49'40"W
★18459	3Ed. 7/3/82 Relocate	NEW EDITION Light "2" (47°46'45"N 122°51'06"W) to	(DMAHTC; 46/81 CG13; US LL) N34/82 47°46'42.2"N 122°51'06.5"W
	Add	Ra Ref to light	47°39'24.8"N 122°49'36.4"W
18459	3Ed. 7/3/82 LAST NM 34/82 Relocate	Light "2" (47°46'42.2"N 122°51'06.5"W) to (See N34/82-18459)	(31/82 CG13) N36/82 47°46'45.3"N 122°51'06.3"W
18459	3Ed. 7/3/82 LAST NM 36/82 Delete	Blue solid line (submarine operating area boundary) joining	(NVS7059/83) N42/83 47°40'37"N 122°50'48"W 47°40'08"N 122°50'56"W 47°40'17"N 122°52'05"W 47°40'47"N 122°51'57"W
	Add	Blue solid line (submarine operating area boundary) between	47°40'37"N 122°50'48"W 47°40'47"N 122°51'57"W
		Position circles "UQC-4" "BMA"	47°39'47"N 122°52'00"W 47°43'43"N 122°50'19"W
		Legend "(Correct through NM 27/82)" in lower left margin of chart	
18459	3Ed. 7/3/82 LAST NM 42/83 Change	Characteristic of lights "11A" to Fl G 2½s "13" to QG	(29/84 CG13) N35/84 47°39'46"N 122°47'10"W 47°39'24"N 122°49'36"W
18459	3Ed. 7/3/82 LAST NM 35/84 Add	Buoys, each white and orange bands, spherical, (Priv maintd) "A" "B"	(36/84 CG13; CL1250/84) N47/84 47°39'25"N 122°49'54"W 47°39'35"N 122°49'36"W
		Obstruction "(Fish haven) (auth min depth 5 fms)", 062°-242° axis 533 yards by 217 yards wide, centered	47°39'30"N 122°49'43"W
18459	3Ed. 7/3/82 LAST NM 47/84 Change	Characteristic of light to Fl R 6s and add designation "18"	(24, 28/86 CG13) N36/86 47°44'48"N 122°48'33"W
	Add	Lights, each Fl Y 6s (Priv maintd) "A" "B"	47°47'18"N 122°51'03"W 47°47'20"N 122°51'02"W
18459	3Ed. 7/3/82 LAST NM 36/86 Delete	Legend "CONTINUED ON 18462"	(MCNM7785/86) N49/86 47°43.3'N 122°46.1'W

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18459	3Ed. 7/3/82 LAST NM 49/86 Relocate	Buoys "B" close SE to and change designation to "A" "A" close NE and change designation to "B"	(17/85 CG13) N32/88 47°39'33"N 122°49'34"W 47°39'26"N 122°49'52"W
★18460	4Ed. 4/21/84	NEW EDITION	(NOS) 25/84
18460	4Ed. 4/21/84 LAST NM 25/84 Add	Dangerous wreck (PA)	(CL1356/84) 47/84 48°22'38"N 124°36'32"W
18460	4Ed. 4/21/84 LAST NM 47/84 Delete	Lights	(49/84 CG13) 5/85 48°22.4'N 124°35.7'W 48°22.4'N 124°35.6'W
18460	4Ed. 4/21/84 LAST NM 5/85 Change	Characteristic of buoy "1" to Fl G 4s	(5/85 CG13) 10/85 48°22'37"N 124°35'11"W
18460	4Ed. 4/21/84 LAST NM 10/85 Change	Color of buoy "1" to green	(17/85 CG13) 21/85 48°16.1'N 124°15.4'W
18460	4Ed. 4/21/84 LAST NM 21/85 Add	Purple dashed lines (recommended route) between	(HNNM7457/85) 42/85 48°31.6'N 124°59.0'W 48°32.9'N 125°18.0'W
		between	48°28.1'N 125°18.0'W 48°28.0'N 124°59.0'W
		Purple open-outlined-dashed arrows indicating flow of traffic oriented 276.3° 090.6°	 48°33.0'N 125°10.0'W 48°27.4'N 125°10.0'W
		Note "NOTE E US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."	
		Legends "See Note E"	48°32.0'N 123°53.0'W 48°32.0'N 125°10.0'W 48°28.4'N 125°11.0'W
18460	4Ed. 4/21/84 LAST NM 42/85 Relocate	Buoy "2D" close SW to	(48/85 CG13) 1/86 48°24'47"N 124°44'50"W
18460	4Ed. 4/21/84 LAST NM 1/86 Change	Characteristic of buoy "2UR" to Fl R 2.5s	(43/86 CG13) 50/86
18460	4Ed. 4/21/84 LAST NM 50/86 Add	Danger circle "Unexploded Ordnance Rep (1985)"	48°11'11"N 124°49'12"W (MCNM7881/87; CL28/87) 5/87
★18460	4Ed. 4/21/84 LAST NM 5/87 Substitute	Depth 113 fathoms for 13 fathoms	48°26.2'N 125°16.7'W (NOS) 8/87
18460	4Ed. 4/21/84 LAST NM 8/87 Change	Light to Fl R 5s 55ft 12M HORN (Bl 30sec)	48°26'36"N 124°22'06"W (46(1169)86 Ottawa) 17/87
18460	4Ed. 4/21/84 LAST NM 17/87 Relocate	Buoy "2D" (48°24'47"N 124°44'50"W) to and change characteristic to Fl R 4s	48°31.9'N 124°27.4'W (3/88 CG13; USCG LL) 10/88 48°24'56"N 124°44'54"W
18460	4Ed. 4/21/84 LAST NM 10/88 Change	Buoy "J" to Y, Fl Y 4s Racon (---)	(28/88 CG13) 34/88 48°29.2'N 124°43.6'W
★18460M	4Ed. 4/21/84	NEW EDITION	(NOS) 25/84
18460M	4Ed. 4/21/84 LAST NM 25/84 Add	Dangerous wreck (PA)	(CL1356/84) 47/84 48°22'38"N 124°36'32"W

18460M	4Ed. 4/21/84 LAST Delete	NM 47/84 Lights	(49/84, 5/85 CG13) 10/85 48°22.4'N 124°35.7'W 48°22.4'N 124°35.6'W
	Change	Characteristic of buoy "1" to Fl G 4s	48°22'37"N 124°35'11"W
18460M	4Ed. 4/21/84 LAST Change	NM 10/85 Color of buoy "1" to green	(17/85 CG13) 21/85 48°16.1'N 124°15.4'W
18460M	4Ed. 4/21/84 LAST Add	NM 21/85 Purple dashed lines (recommended route) between	(HNNM7457/85) 42/85 48°31.6'N 124°59.0'W 48°32.9'N 125°18.0'W
		between	48°28.1'N 125°18.0'W 48°28.0'N 124°59.0'W
		Purple open-outlined-dashed arrows indicating flow of traffic oriented 276.3° 090.6°	 48°33.0'N 125°10.0'W 48°27.4'N 125°10.0'W
		Note "NOTE E US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."	 48°32.0'N 123°53.0'W
		Legends "See Note E"	48°32.0'N 125°10.0'W 48°28.4'N 125°11.0'W
18460M	4Ed. 4/21/84 LAST Relocate	NM 42/85 Buoy "2D" close SW to	(48/85 CG13) 1/86 48°24'47"N 124°44'50"W
18460M	4Ed. 4/21/84 LAST Change	NM 1/86 Characteristic of buoy "2UR" to Fl R 2.5s	(43/86 CG13) 50/86 48°11'11"N 124°49'12"W
18460M	4Ed. 4/21/84 LAST Add	NM 50/86 Danger circle "Unexploded Ordnance Rep (1985)"	(MCNM7881/87; CL28/87) 5/87 48°26.2'N 125°16.7'W
18460M	4Ed. 4/21/84 LAST Relocate	NM 5/87 Buoy "2D" (48°24'47"N 124°44'50"W) to and change characteristic to Fl R 4s	(3, 5/88 CG13) 10/88 48°24'56"N 124°44'54"W
18460M	4Ed. 4/21/84 LAST Change	NM 10/88 Buoy "J" to Y, Fl Y 4s Racon (---)	(28/88 CG13) 34/88 48°29.2'N 124°43.6'W
★18464	18Ed. 3/24/84	NEW EDITION	(NOS) 24/84
18464	18Ed. 3/24/84 LAST Change	NM 24/84 Legend to "VAR 21°00'E (1983)"	(NOS) 27/84 48°03'55"N 122°39'33"W
★18464	18Ed. 3/24/84 LAST Change	NM 27/84 Characteristic of light "6" to Fl R 4s	(29/84 CG13) 35/84 48°01'26"N 122°43'25"W
18464	18Ed. 3/24/84 LAST Add	NM 35/84 Light FY 24 ft (Priv maintd) (PA)	(49/84 CG13) 5/85 48°06'58"N 122°44'55"W
18464	18Ed. 3/24/84 LAST Change	NM 5/85 Characteristic of buoy "2" to Fl R 4s	(20/85 CG13) 24/85 48°07'18"N 122°44'39"W
★18464	18Ed. 3/24/84 LAST Change	NM 24/85 Color of buoy "3" to green	(29/85 CG13) 33/85 48°04'57"N 122°44'18"W
★18464	18Ed. 3/24/84 LAST Add	NM 33/85 Position circle "Subm pile"	(CL1660/84) 47/85 48°04'24"N 122°46'51"W
★18464	18Ed. 3/24/84 LAST Change	NM 47/85 Characteristic of lights, each to Fl 4.5s "A" "B"	(1/86 CG13) 5/86 48°06'51.5"N 122°45'07.0"W 48°06'51.0"N 122°45'09.0"W

★18464 18Ed. 3/24/84 LAST NM 5/86 (6/86 CG13) 10/86
Add Lights "B" FG 30ft (Priv maintd) (PA) 48°05'35"N 122°47'29"W
"A" FR 25ft (Priv maintd) (PA) 48°05'35"N 122°47'37"W
Designation "A" to light 48°05'36"N 122°47'28"W

18464 18Ed. 3/24/84 LAST NM 10/86 (10/86 CG13) 13/86
Add Light "B" FG 25ft (Priv maintd) (PA) 48°05'34"N 122°47'38"W

18464 18Ed. 3/24/84 LAST NM 13/86 (11/86 CG13) 18/86
Delete Buoy 48°05'19"N 122°47'32"W

18464 18Ed. 3/24/84 LAST NM 18/86 (CL958/86; BP129964) 48/86
Change Legend to
"Controlling depths-June 1986
Northeastern outside quarter...15.3ft
Middle half.....14.0ft
Southwestern outside quarter...13.9ft" 48°01.4'N 122°44.2'W

18464 18Ed. 3/24/84 LAST NM 48/86 (FED REG 10/22/85) 38/87
Change Legends to
"RESTRICTED AREA
334.1210 (see note A)" 48°09'28"N 122°47'38"W

"RESTRICTED AREA
334.1270 (see note A)" 48°04'38"N 122°45'07"W

★18464 18Ed. 3/24/84 LAST NM 38/87 (51/87 CG13) 4/88
Add Buoys (4) yellow, Fl Y 6s 48°06'12"N 122°46'30"W

★18464 18Ed. 3/24/84 LAST NM 4/88 (52/87 CG13) 6/88
Add Light (2) Q (Priv maintd) (PA) 48°06'32"N 122°45'52"W

★18464 18Ed. 3/24/84 LAST NM 6/88 (CL23/88; BP133927) 9/88
Change Line 3 of Keystone Harbor note to
"Channel and 9 feet in the
Mooring Basin"
and line 6 to "Oct 1987"
in upper right margin of chart

★18465 26Ed. 11/28/87 NEW EDITION (NOS 3/88 CG13) 14/88
Change Color of buoys, each to green
"3" 48°25'36"N 122°38'37"W
"5" 48°13'09"N 122°47'02"W

18465 26Ed. 11/28/87 LAST NM 14/88 (2/83/83/88 Ottawa) 26/88
Delete R Bn at light 48°21'30"N 123°42'41"W

★18465 26Ed. 11/28/87 LAST NM 26/88 (MCNMS 139/88) 36/88
Delete Buoy (mooring) 48°20'21"N 123°11'36"W

18465 26Ed. 11/28/87 LAST NM 36/88 (33/88 CG13) 39/88
Change Color of buoy "R" to yellow 48°19'25"N 123°06'36"W

18465 26Ed. 11/28/87 LAST NM 39/88 (36/88 CG13) 41/88
Relocate Buoy "2" close E to 48°05'09"N 123°01'43"W

18465 26Ed. 11/28/87 LAST NM 41/88 (42/88 CG13) 47/88
Change Color of buoy "SA" to yellow 48°11'28"N 122°49'48"W

18465 26Ed. 11/28/87 LAST NM 47/88 (19/89 CG13) 24/89
Change Visibility (range) of light to 17M 48°19'06"N 122°50'38"W

★18468 15Ed. 9/15/84 NEW EDITION (NOS) 48/84

18468 15Ed. 9/15/84 LAST NM 48/84 (NOS) 51/84
Relocate Buoy (mooring) "CG" close W to 48°08'22.8"N 123°24'53.1"W

Change Height of light to 70 feet 48°08'25.7"N 123°24'30.1"W

18468 15Ed. 9/15/84 LAST NM 51/84 (45/84 CG13) 52/84
Add Light "A", FY (Priv maintd) (PA) 48°08'27"N 123°25'09"W

18468 15Ed. 9/15/84 LAST NM 52/84 (2/85 CG13) 8/85
Delete Light "A" 48°08'27"N 123°25'09"W

(continued on next page)

18468	(Continued) Add	Lights, each Fl Y 6s (Priv. maintd) (PA) "A" "C"	8/85 48°08'22.6"N 123°24'56.5"W 48°08'24.0"N 123°25'01.3"W
18468	15Ed. 9/15/84 LAST NM 8/85 Change	Color of buoy "3" to green	(35/85 CG13) 47/85 48°07'43.2"N 123°26'49.6"W
◆18468	15Ed. 9/15/84 LAST NM 41/85 Change	Color of buoy "1" to green	(38/85 CG13) 43/85 48°07'21"N 123°24'26"W
◆18468	15Ed. 9/15/84 LAST NM 43/85 Change	Characteristic of buoy "3" to Fl G 4s	(39/85 CG13) 44/85 48°07'43.2"N 123°26'49.6"W
◆18468	15Ed. 9/15/84 LAST NM 44/85 Add	Buoys, each yellow, Fl Y 6s (Priv. maintd) "B" "D" "E" "F"	(22/86 CG13) 35/86 48°08'23.0"N 123°25'04.0"W 48°08'23.7"N 123°25'07.4"W 48°08'23.9"N 123°25'10.9"W 48°08'24.3"N 123°25'13.6"W
◆18468	15Ed. 9/15/84 LAST NM 35/86 Delete	Lights	(3/87 CG13) 9/87 48°07'16"N 123°25'35"W 48°07'15"N 123°25'34"W
◆18468	15Ed. 9/15/84 LAST NM 9/87 Change	Visibility (range) of light to 15M	(9/87 CG13) 14/87 48°08'25.8"N 123°24'30.2"W
◆18468	15Ed. 9/15/84 LAST NM 14/87 Delete	Light "A"	(45, 46/88 CG13) 52/88 48°08'22.6"N 123°24'56.5"W
		Buoys "E" "F"	48°08'23.9"N 123°25'10.9"W 48°08'24.3"N 123°25'13.6"W
	Relocate	Light "C" (48°08'24"N 123°25'01"W) to	48°08'23.8"N 123°25'12.4"W
	Add	Buoy "A", yellow, Fl Y 6s (Priv. maintd)	48°08'23.6"N 123°24'55.8"W
		Lights, each Fl Y 6s (Priv. maintd) "E" "F"	48°08'23.5"N 123°25'04.4"W 48°08'23.4"N 123°24'59.8"W
◆18469	1Ed. 6/30/79	NEW CHART	(DMAHTC) N33/79
P 18469	1Ed. 6/30/79 LAST NM 33/79 (Prelim'y)		(8/81 CG13) N14/81
	Change	On or about 1 July 1981 Characteristic of light to Fl 20sec	48°23'29"N 124°44'11"W
18469	1Ed. 6/30/79 LAST NM 14/81 Change	Light to Iso WR 6sec 63ft 13, 11M HORN Note: Sectors unchanged	(23/81 CG13) N29/81 48°23.1'N 124°36.0'W
18469	1Ed. 6/30/79 LAST NM 29/81	Cancel N14P/81-18469 Note: Characteristic of light unchanged	(NVS6459/81) N33/81
18469	1Ed. 6/30/79 LAST NM 33/81 Change	Height of light to 185ft and visibility (range) to 17M	(45/953/81 Ottawa) N2/82 48°43'19"N 125°05'51"W
18469	1Ed. 6/30/79 LAST NM 2/82 Relocate	Buoy "F" (48°30.6'N 124°47.1'W) to	(NVS6585/82) N10/82 48°29'11"N 124°43'40"W
18469	1Ed. 6/30/79 LAST NM 10/82 Change	Color of buoy to green	(9/83 CG13) N14/83 48°22'34"N 124°35'09"W

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18469 (Continued)
Add — Note in upper left margin of chart "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region B. For further explanation, see annual NM 1(6) and Chart No. 1." — N14/83

18469 1Ed. 6/30/79 LAST NM 14/83
Change — Light to F Fl WR 5s 167ft 15M 2 DIA R Bn — (42(1043)84 Ottawa) N8/85

18469 1Ed. 6/30/79 LAST NM 8/85
Add — Purple dashed lines (recommended route) between — 48°47'10"N 125°12'54"W (HNNM7457/85) N42/85

48°31.6'N 124°59.0'W
48°32.6'N 125°15.0'W

between

48°28.1'N 125°15.0'W
48°28.0'N 124°59.0'W

Purple open-outlined-dashed arrows indicating flow of traffic oriented
276.3°
090.6°

48°33.0'N 125°10.0'W
48°27.5'N 125°10.0'W

Note in upper right margin of chart "NOTE A US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."

Legends "See Note A"

48°32.0'N 125°10.0'W
48°28.3'N 125°10.0'W

18469 1Ed. 6/30/79 LAST NM 42/85
Relocate — Buoy "2D" close S to — (48/85 CG13) N1/86
48°24'47"N 124°44'50"W

18469 1Ed. 6/30/79 LAST NM 1/86
Relocate — Buoy "2D" (48°24'47"N 124°44'50"W) to and change characteristic to Fl R 4s — (3, 5/88 CG13) N10/88
48°24'56"N 124°44'54"W

18469 1Ed. 6/30/79 LAST NM 10/88
Change — Buoy "J" to Y, Fl Y 4s Racon (---) — (28/88 CG13) N34/88
48°29'11"N 124°43'40"W

★18470 2Ed. 8/25/84
Delete — NEW EDITION Depth 6 fathoms 2 feet — (DMAHTC 24 (518)80 Ottawa) N47/84
48°55'33"N 125°33'44"W

18470 2Ed. 8/25/84 LAST NM 47/84
Change — Characteristic of light to F Fl 12s Light to F Fl WR 5s 167ft 15M 2 HORNS R Bn — (42(1044)84 Ottawa, Can LL) N8/85
48°55'15"N 125°32'28"W

18470 2Ed. 8/25/84 LAST NM 8/85
Add — Buoy (mooring) "NAVY" — 48°47'11"N 125°12'54"W

18470 2Ed. 8/25/84 LAST NM 13/85
Add — Legend "R Sta" and "RT" to radiobeacon — (50(1213)84 Ottawa) N13/85
48°59'29"N 125°18'15"W

18470 2Ed. 8/25/84 LAST NM 20/85
Add — Purple dashed lines (recommended route) between — (14(414)85 Ottawa) N20/85
48°55'31"N 125°32'25"W

(HNNM7457/85) N42/85

48°28.0'N 125°05.0'W
48°28.4'N 126°00.0'W

between

48°35.8'N 126°00.0'W
48°31.9'N 125°05.0'W

Purple open-outlined-dashed arrows indicating flow of traffic oriented
090.6°
090.6°

48°27.5'N 125°10.0'W
48°27.5'N 125°30.0'W

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18470 (Continued)
Add
090.6°
276.3°
276.3°
276.3°

Note
"NOTE A
US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."

Legends "See Note A"

N42/83
48°27.5'N 125°50.0'W
48°33.5'N 125°20.0'W
48°35.0'N 125°40.0'W
48°36.5'N 126°00.0'W

49°09.0'N 125°20.0'W

48°32.8'N 125°20.0'W
48°34.0'N 125°40.0'W
48°28.5'N 125°50.0'W
48°28.5'N 125°30.0'W

18470 2Ed. 8/25/84 LAST NM 42/85
Add Buoy, Y, spherical, Fl(5) Y

(11(249)86 Ottawa) N19/86
49°02'12"N 125°48'24"W

18470 2Ed. 8/25/84 LAST NM 19/86
Relocate Buoy (49°02'12"N 125°48'24"W) to (See N19/86-18470)

(17(381)86 Ottawa) N33/86
49°02'12"N 125°48'00"W

18470 2Ed. 8/25/84 LAST NM 33/86
Add Position circle "TRS"

(51(1314)86 Ottawa) N6/87
49°05'23"N 125°51'08"W

18470 2Ed. 8/25/84 LAST NM 6/87
Delete Buoy "Y47"

(21(361)87 Ottawa) N29/87
48°50.3'N 125°10.8'W

Add Bn, black

48°50'17"N 125°10'55"W

18470 2Ed. 8/25/84 LAST NM 29/87
Delete R Bn at light

(20(384)88 Ottawa) N26/88
49°06'36"N 125°55'24"W

18470 2Ed. 8/25/84 LAST NM 26/88
Delete Purple circle and legend "R Bn"

(21(399)88 Ottawa) N32/88
48°55'24"N 125°32'29"W

18470 2Ed. 8/25/84 LAST NM 32/88
Add Superbuoy ODAS, yellow, Fl(5) Y 20s

(50/88 CG13) N4/89
48°50'N 126°00'W

*18471 2Ed. 6/1/85 NEW EDITION
Change Color of buoy "3" to green
(Previously published 33/85)

(NOS) 36/85
48°04'58"N 122°44'18"W

18471 2Ed. 6/1/85 LAST NM 36/85
Change Buoy "2" to red, Fl R 4s BELL
Color of buoy "S" to yellow

(35/85 CG13) 41/85
48°11'33"N 123°05'36"W
48°12'22"N 123°06'30"W

18471 2Ed. 6/1/85 LAST NM 41/85
Add Position circle "Subm pile" (PA)

(CL1660/84) 47/85
48°04'24"N 122°46'51"W

18471 2Ed. 6/1/85 LAST NM 47/85
Add Wreck (PA)

(NOS) 1/86
48°11.6'N 122°46.6'W

18471 2Ed. 6/1/85 LAST NM 1/86
Change Characteristic of lights, each to Fl 4.5s
"A"
"B"

(1/86 CG13) 5/86

48°06'51.5"N 122°45'07.0"W
48°06'51.0"N 122°45'09.0"W

18471 2Ed. 6/1/85 LAST NM 5/86
Change Buoy "SC" to yellow, F Y 4s

(51/85 CG13) 6/86
48°01'52"N 122°38'05"W

18471 2Ed. 6/1/85 LAST NM 6/86
Add Lights "B" FG 30ft (Priv maintd) (PA)
"A" FR 25ft (Priv maintd) (PA)
Designation "A" to light

(6/86 CG13) 10/86
48°05'35"N 122°47'29"W
48°05'35"N 122°47'37"W
48°05'36"N 122°47'28"W

18471 2Ed. 6/1/85 LAST NM 10/86
Add Light "B" FG 25ft (Priv maintd) (PA)

(6, 9/86 CG13) 13/86
48°05'34"N 122°47'38"W

18471 2Ed. 6/1/85 LAST NM 13/86
Delete Buoy

(11/86 CG13) 18/86
48°05'19"N 122°47'32"W

Change Height of light to 105ft

48°13'29"N 122°46'05"W

★18471	2Ed. 6/1/85 LAST NM 18/86		(19/86 CG13) 24/86
	Relocate	Buoy "4" close E to	48°04'59"N 123°02'12"W
18471	2Ed. 6/1/85 LAST NM 24/86		(25, 28, 30/86 CG13) 38/86
	Change	Characteristic of buoy "SA" to Fl Y 4s. Strobe Fl Y 2.5s	48°11'28"N 122°49'43"W
		Color of buoy "1" to green	48°06'53"N 122°57'48"W
	Add	Buoy, yellow, Fl Y 6s (Priv maintd)	48°04'52"N 122°47'00"W
18471	2Ed. 6/1/85 LAST NM 38/86		(CL958/86; BP12996) 48/86
	Change	Legend to "Controlling depths...June 1986 Northeastern outside quarter...15.3ft Middle half.....14.0ft Southwestern outside quarter...13.9ft"	48°01'0"N 122°44.8'W
★18471	2Ed. 6/1/85 LAST NM 48/86		(47/86 CG13) 52/86
	Delete	Buoys	48°05'48"N 122°58'50"W 48°05'54"N 122°58'36"W
18471	2Ed. 6/1/85 LAST NM 52/86		(FED REG 10/22/85) 38/87
	Change	Legends to "RESTRICTED AREA 334.1270 (see note A)"	48°04'30"N 122°45'18"W
		"RESTRICTED AREA 334.1210 (see note A)"	48°09'10"N 122°49'06"W 48°13'30"N 122°56'18"W 48°11'33"N 122°45'48"W
18471	2Ed. 6/1/85 LAST NM 38/87		(49, 51/87 CG13; USCG LL) 4/88
	Delete	Buoy	48°04'52"N 122°47'00"W
		Light	48°01'06"N 122°51'20"W
18471	2Ed. 6/1/85 LAST NM 4/88		(52/87 CG13) 6/88
	Change	Characteristic of light to Q	48°06'32"N 122°45'52"W
18471	2Ed. 6/1/85 LAST NM 6/88		(CL23/88; BP13392) 9/88
	Change	Line 3 of Keystone Harbor note to "Channel and 9 feet in the Mooring Basin" and line 6 to "Oct 1987"	48°14'N 122°43'W
18471	2Ed. 6/1/85 LAST NM 9/88		(5/88 CG13) 10/88
	Change	Color of buoy "5" to green	48°13'15"N 122°40'34"W
★18471	2Ed. 6/1/85 LAST NM 10/88		(36/88 CG13) 41/88
	Relocate	Buoy "2" close E to	48°05'05.4"N 123°01'38.2"W
★18471	2Ed. 6/1/85 LAST NM 41/88		(42/88 CG13) 47/88
	Change	Color of buoy "SA" to yellow	48°11'28"N 122°49'43"W
★18471	2Ed. 6/1/85 LAST NM 47/88		(49/88 CG13) 1/89
	Change	Period of lights, each to 2.5s "2" "3"	48°03'53"N 123°02'16"W 48°03'52"N 123°02'16"W
★18473	2Ed. 11/1/86	NEW EDITION	(NOS) 5/87
★18473	2Ed. 11/1/86 LAST NM 5/87		(NOS) 6/87
	Change	Light "8" to Fl R 4s 15ft 3M	47°40'18"N 122°24'27"W
	Add	Designation "6" to buoy	
		Period 6s to light	47°40'26"N 122°24'35"W 47°55'58"N 122°39'23"W
18473	2Ed. 11/1/86 LAST NM 6/87		(4/87 CG13) 9/87
	Change	Visibility (range) of light "8" to 6M	47°48'49"N 122°42'45"W
18473	2Ed. 11/1/86 LAST NM 9/87		(8/87 CG13) 14/87
	Change	Color of buoy "A" to yellow	47°45'46"N 122°43'20"W
18473	2Ed. 11/1/86 LAST NM 14/87		(12, 14/87 CG13) 23/87
	Change	Color of buoy "1" to green	47°54'30"N 122°24'01"W
		Color of buoy "SG" to yellow	47°39'42"N 122°27'48"W
		Characteristic of light "1" to FG	47°48'34"N 122°23'24"W
		Light "2" to Fl R 2.5s 15ft 4M	47°53'15"N 122°36'36"W

18473 2Ed. 11/1/86 LAST NM 23/87
Add — Buoy, white and orange bands, (Priv maintd)

18473 2Ed. 11/1/86 LAST NM 33/87
Add — "SECURITY ZONE 165.1302 (see note A)" area bound by chart border, shore and purple dashed line joining

(25/87 CG13) 33/87

47°58'38"N 122°20'58"W

(FED REG 9/14/87) 44/87

47°45'12"N 122°43'48"W
47°45'47"N 122°43'22"W
47°46'23"N 122°42'42"W
47°46'23"N 122°42'20"W
47°46'20"N 122°42'14"W

"SECURITY ZONE ANCHORAGE 165.1302 (see note A)" area bound by purple dashed-line circle, radius 1000 yards centered

47°46'23"N 122°42'49"W

18473 2Ed. 11/1/86 LAST NM 44/87
Add — Buoys, orange and white, Fl Y 6s (Priv maintd)

(38/87 CG13) 46/87

47°53'05"N 122°36'41"W
47°52'59"N 122°36'45"W

18473 2Ed. 11/1/86 LAST NM 46/87
Delete — Purple dashed line between

(FED REG 12/17/87; 52/87 CG13) 6/88
47°46'23"N 122°42'20"W
47°46'20"N 122°42'14"W

Add — Purple dashed line between

47°46'23"N 122°42'20"W
47°46'20"N 122°42'12"W

(See 44/87-18473)

Buoy, red, Fl R 5s (Priv maintd)

47°55'19"N 122°41'00"W

18473 2Ed. 11/1/86 LAST NM 6/88
Change — Color of buoy "SF" to yellow

(22/88 CG13) 27/88
47°45'55"N 122°26'11"W

18473 2Ed. 11/1/86 LAST NM 27/88
Change — Color of buoys, each to green "1" "1"

(30, 32/88 CG13) 39/88

47°54'30"N 122°26'13"W
47°57'48"N 122°40'15"W

18473 2Ed. 11/1/86 LAST NM 39/88
Change — Color of buoy "SD" to yellow

(41/88 CG13) 46/88
47°57'53"N 122°34'42"W

18473 2Ed. 11/1/86 LAST NM 46/88
Delete — Position circle "STACK"

(45/88 CG13) 52/88
47°51'20"N 122°34'47"W

★18474 2Ed. 3/7/87 NEW EDITION
Delete — Buoys (mooring)

(NOS) 21/87
47°35'26"N 122°22'05"W
47°35'23"N 122°22'17"W

(Previously published 17/87)

Change — Color of buoy "5" to green (Previously published 17/87)

47°37'16"N 122°30'10"W

Add — Buoy (mooring) (Priv maintd) (Previously published 17/87)

47°35'12"N 122°22'13"W

18474 2Ed. 3/7/87 LAST NM 21/87
Change — Color of buoy "SG" to yellow

(14/87 CG13) 23/87
47°39'42"N 122°27'48"W

18474 2Ed. 3/7/87 LAST NM 23/87
Add — Buoy, white and orange bands, (Priv maintd)

(24/87 CG13) 33/87

47°33'24"N 122°24'23"W

18474 2Ed. 3/7/87 LAST NM 33/87
Add — Buoys (2) yellow, Fl Y 6s (Priv maintd)

(38/87 CG13) 46/87

47°34'30"N 122°31'30"W

18474 2Ed. 3/7/87 LAST NM 46/87
Add — Purple dashed line "Sewer" joining

(CL691/87) 23/88
47°35'43"N 122°23'12"W
47°35'46"N 122°23'14"W
47°36'12"N 122°25'34"W

between

47°35'45"N 122°23'13"W
47°35'58"N 122°25'35"W

18474	2Ed. 3/7/87 LAST NM 23/88		
	Substitute	Lights (2) Fl Y 6s (Priv maintd) for buoys (2) (See 46/87-18474)	(40/88 CG13) 45/88 47°34′30″N 122°31′30″W
★18474	2Ed. 3/7/87 LAST NM 45/88		
	Delete	Designation "2" from light	(44/88 CG13; NOS) 49/88 47°19.6′N 122°34.4′W
	Change	Color of buoy "TA" to yellow Characteristic of buoy "6" to Fl R 4s	47°26.9′N 122°24.2′W 47°34.5′N 122°31.9′W
18474	2Ed. 3/7/87 LAST NM 49/88		
	Change	Color of beacon to red and green bands (topmost band red)	(46/88 CG13) 52/88 47°34′40″N 122°31′50″W
18474	2Ed. 3/7/87 LAST NM 52/88		
	Delete	Light	(37/87, 10/89 CG13) 14/89 47°16′35″N 122°24′59″W
	Add	Buoy, yellow, Fl Y 4s (Priv maintd)	47°16′42″N 122°25′13″W
18474	2Ed. 3/7/87 LAST NM 14/89		
	Change	Characteristic of light to Q	(13/89 CG13) 18/89 47°35′26″N 122°20′41″W
★18475	1Ed. 8/6/88	NEW CHART	(DMAHTC) 49/88
★18476	1Ed. 9/15/84	NEW CHART	
	Add	Obstruction "(Fish haven) (auth min depth 5 fms)", 062°-242° axis 533 yards by 217 yards wide, centered	(NOS, CL1250/84) 47/84 47°39′30″N 122°49′43″W
18476	1Ed. 9/15/84 LAST NM 47/84		
	Delete	Buoy and legend "Gy 4 Q Priv maintd"	(13/85 CG13) 17/85 47°52′11″N 122°37′40″W
18476	1Ed. 9/15/84 LAST NM 17/85		
	Change	Characteristic of buoys, each to Fl Y 6s "A" "B"	(14/85 CG13) 18/85 47°45′47″N 122°43′22″W 47°44′23″N 122°44′23″W
18476	1Ed. 9/15/84 LAST NM 18/85		
	Relocate	Buoys "B" close SE to and change designation to "A" "A" close NE and change designation to "B"	(17/85 CG13) 21/85 47°39′33″N 122°49′34″W 47°39′26″N 122°49′52″W
18476	1Ed. 9/15/84 LAST NM 21/85		
	Delete	Lights (4) in vicinity	(20/85 CG13) 24/85 47°50′46″N 122°34′48″W
18476	1Ed. 9/15/84 LAST NM 24/85		
	Add	Buoys (4), yellow spherical, Fl Y 6s (Priv maintd)	(38/85 CG13) 43/85 47°52′18″N 122°37′36″W
18476	1Ed. 9/15/84 LAST NM 43/85		
	Change	Lights "1" to Fl G 4s 15ft 4M "3" to Fl G 6s 18ft 5M	(46/85 CG13) 50/85 47°51′45″N 122°34′31″W 47°51′32″N 122°34′31″W
18476	1Ed. 9/15/84 LAST NM 50/85		
	Change	Light "8" to Fl R 4s 15ft 6M	(3/86 CG13) 8/86 47°48′49″N 122°42′47″W
18476	1Ed. 9/15/84 LAST NM 8/86		
	Add	Buoy "B", yellow, (Navy maintd)	(18/86 CG13) 23/86 47°46′34″N 122°42′57″W
18476	1Ed. 9/15/84 LAST NM 23/86		
	Delete	Buoy "B" (Supersedes 23/86-18476)	(20/86 CG13) 26/86 47°46′34″N 122°42′57″W
18476	1Ed. 9/15/84 LAST NM 26/86		
	Change	Characteristic of light to Fl R 6s and add designation "18"	(21, 24, 28/86 CG13) 36/86 47°44′48″N 122°48′30″W
	Add	Lights "A", Fl 2.5s (Priv maintd) "B", Fl G 2.5s (Priv maintd) "A", Fl Y 6s (Priv maintd) "B", Fl Y 6s (Priv maintd)	47°38′38″N 122°49′41″W 47°38′34″N 122°49′34″W 47°47′18″N 122°51′03″W 47°47′20″N 122°51′02″W

18476 1Ed. 9/15/84 LAST NM 36/86
Change — Legend to "PORT GAMBLE BAY The controlling depth in the entrance channel was 23 feet July 1986" — (BP129952) 48/86

47°50.8'N 122°35.5'W

18476 1Ed. 9/15/84 LAST NM 48/86
Change — Color of buoys, each to yellow — (8/87 CG13) 14/87
"A" — 47°45'48"N 122°43'22"W
"B" — 47°44'22"N 122°44'24"W

18476 1Ed. 9/15/84 LAST NM 14/87
Change — Light "2" to Fl R 2.5s 15ft 4M — (12/87 CG13) 23/87
47°53'15"N 122°36'37"W

18476 1Ed. 9/15/84 LAST NM 23/87
Change — Legends to "RESTRICTED AREA 334.1260 (see note A)" — (FED REG 10/22/85) 38/87
47°45'36"N 122°50'00"W

"RESTRICTED AREA 334.1220 (see note A)" — 47°45'00"N 122°43'38"W
47°46'30"N 122°42'45"W

18476 1Ed. 9/15/84 LAST NM 38/87
Add — Buoys yellow, Fl Y 6s (Priv maintd) orange and white, Fl Y 6s (Priv maintd) — (38/87 CG13) 46/87
47°52'34"N 122°37'08"W
47°53'05"N 122°36'41"W
47°52'59"N 122°36'45"W

18476 1Ed. 9/15/84 LAST NM 46/87
Delete — Buoy (See 46/87-18476) — (49/87 CG13) 4/88
47°52'34"N 122°37'08"W

18476 1Ed. 9/15/84 LAST NM 4/88
Add — "SECURITY ZONE 165.1302 (see note A)" area bound by shore and purple dashed line joining — (FED REG 12/17/87) 6/88

47°43'17"N 122°44'44"W
47°43'33"N 122°44'40"W
47°43'56"N 122°44'40"W
47°44'14"N 122°44'22"W
47°45'47"N 122°43'22"W
47°46'23"N 122°42'42"W
47°46'23"N 122°42'20"W
47°46'20"N 122°42'12"W

"SECURITY ZONE ANCHORAGE 165.1302 (see note A)" area bound by purple dashed-line circle, radius 1000 yards centered

47°46'43"N 122°42'49"W

18476 1Ed. 9/15/84 LAST NM 6/88
Change — Light "13" to QG 15ft 5M Ra Ref — (14/88 CG13; USCG LL) 18/88
47°39'25"N 122°49'36"W

18476 1Ed. 9/15/84 LAST NM 18/88
Delete — Light "B" Bn — (21, 22/88 CG13; USCG LL) 27/88
47°38'34"N 122°49'34"W
47°43'19"N 122°52'54"W

Relocate — Light "A" (47°38'38"N 122°49'41"W) to and change characteristic to Fl Y 2.5s — 47°39'24"N 122°49'35"W

18476 1Ed. 9/15/84 LAST NM 27/88
Delete — Position circle "CHY" — (45/88 CG13) 52/88
47°51'20"N 122°34'47"W

*18476 1Ed. 9/15/84 LAST NM 52/88
Delete — Light "A" (See 27/88-18476) — (19/89 CG13) 24/89
47°39'24"N 122°49'35"W

Add — Buoy, yellow, Fl Y 2.5s — 47°38'34"N 122°49'34"W

*18477 2Ed. 5/18/85 — NEW EDITION — (NOS) 30/85

18477 2Ed. 5/18/85 LAST NM 30/85
Add — Obscured sector 202°-335° to light "1" — (NOS) 31/85
47°55'56"N 122°37'11"W

★18477 2Ed. 5/18/85 LAST NM 31/85
Add — Buoys, each yellow spherical, Fl Y 6s (Priv maintd) (38/85 CG13) 43/85
"A" 47°52'19.1"N 122°37'36.0"W
"B" 47°52'18.4"N 122°37'36.0"W
"C" 47°52'17.7"N 122°37'36.0"W
"D" 47°52'17.0"N 122°37'36.0"W

★18477 2Ed. 5/18/85 LAST NM 43/85
Change — Lights "1" to Fl G 4s 15ft 4M (46/85 CG13) 50/85
"3" to Fl G 6s 18ft 5M 47°51'45"N 122°34'32"W
47°51'33"N 122°34'32"W

18477 2Ed. 5/18/85 LAST NM 50/85
Change — Buoy "SC" to yellow, Fl Y 4s (51/85 CG13) 6/86
48°01'52"N 122°38'05"W

18477 2Ed. 5/18/85 LAST NM 6/86
Change — Light "8" to Fl R 4s 15ft 6M (3/86 CG13) 8/86
47°48'49"N 122°42'48"W

★18477 2Ed. 5/18/85 LAST NM 8/86
Change — Legends to (CL958/86; BP129952, 64) 48/86
"Controlling depths-June 1986
Northeastern outside quarter...15.3ft
Middle half.....14.0ft
Southwestern outside quarter...13.9ft" 48°01.5'N 122°44.3'W

"PORT GAMBLE BAY
The controlling depth in the entrance channel was 23 feet July 1986" 47°51.0'N 122°35.3'W

18477 2Ed. 5/18/85 LAST NM 48/86
Change — Light "2" to Fl R 2.5s 15ft 4M (12/87 CG13) 23/87
47°53'16"N 122°36'37"W

★18477 2Ed. 5/18/85 LAST NM 23/87
Add — Buoys yellow, Fl Y 6s (Priv maintd) (38/87 CG13) 46/87
orange and white, 47°52'34"N 122°37'08"W
Fl Y 6s (Priv maintd) 47°53'05"N 122°36'41"W
47°52'59"N 122°36'45"W

18477 2Ed. 5/18/85 LAST NM 46/87
Delete — Buoy (49/87 CG13) 4/88
(See 46/87-18477) 47°52'34"N 122°37'08"W

★18477 2Ed. 5/18/85 LAST NM 4/88
Add — Buoy, red, Fl R 5s (Priv maintd) (52/87 CG13) 6/88
47°55'19"N 122°41'00"W

18477 2Ed. 5/18/85 LAST NM 6/88
Change — Color of buoy "1" to green (32/88 CG13) 39/88
47°57'48"N 122°40'14"W

★18477 2Ed. 5/18/85 LAST NM 39/88
Change — Color of buoy "SD" to yellow (41/88 CG13) 46/88
47°57'53"N 122°34'42"W

18477 2Ed. 5/18/85 LAST NM 46/88
Delete — Position circle "CHY" (45/88 CG13) 52/88
47°51'20"N 122°34'47"W

★18480 21Ed. 9/13/86
Add — NEW EDITION (NOS. HNNM 457/85) 48/86
Purple dashed lines
(recommended route) between 48°31.6'N 124°59.0'W
48°36.7'N 126°10.0'W

between 48°28.5'N 126°10.1'W
48°28.0'N 124°59.0'W

Purple open-outlined-dashed arrows indicating flow of traffic oriented
276.3° 48°32.5'N 125°00.0'W
276.3° 48°35.5'N 125°40.0'W
090.6° 48°27.5'N 126°00.0'W
090.6° 48°27.5'N 125°20.0'W

Note
"NOTE D
US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes." 48°54.0'N 123°45.0'W

(continued on next page)

★18480	(Continued) Add	Legend "See Note D"	48/86 48°31.5'N 125°00.0'W 48°34.3'N 125°40.0'W 48°28.5'N 126°00.0'W 48°28.5'N 125°20.0'W
18480	21Ed. 9/13/86 LAST NM 48/86 Change	Characteristic of buoy "2UR" to Fl R 2.5s	(43/86 CG13) 50/86 48°11.3'N 124°49.3'W
★18480	21Ed. 9/13/86 LAST NM 50/86 (Inset) Add	Chartlet, depicting changes in aids to navigation, from back of Section I	(NOS) 4/87 47°54'00"N 124°38'30"W
18480	21Ed. 9/13/86 LAST NM 4/87 Add	Danger circle "Unexploded Ordnance Rep (1985)"	(MCNM7881/87; CL28/87) 5/87 48°26.2'N 125°16.7'W
18480	21Ed. 9/13/86 LAST NM 5/87 Delete	Depth 1½ fathoms (ED)	(41(1009)86 Ottawa) 16/87 48°21.0'N 123°44.1'W
	Add	Depth 2½ fathoms	48°21.0'N 123°44.0'W
★18480	21Ed. 9/13/86 LAST NM 16/87 Delete	Ball topmark from buoy "Q"	(17/87 CG13) 27/87 47°53.1'N 124°40.5'W
18480	21Ed. 9/13/86 LAST NM 27/87 Delete	R Bn (AERO)	(Can CH 3001) 48/87 48°21.4'N 124°33.4'W
18480	21Ed. 9/13/86 LAST NM 48/87 Add	R Bn (AERO) (Cancels 48/87-18480)	(USCG LL) 6/88 48°21.4'N 124°33.4'W
18480	21Ed. 9/13/86 LAST NM 6/88 Relocate	Buoy "2D" (48°24.8'N 124°44.8'W) to and change characteristic to Fl R 4s	(3, 5/88 CG13) 10/88 48°24.9'N 124°44.9'W
18480	21Ed. 9/13/86 LAST NM 10/88 Change	Note "NOTE D...routes" to "NOTE E US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US West coast ports. These are not IMO adopted recommended routes"	(HNNM7457/85) 19/88
		Legends to "See Note E"	48°54.0'N 123°45.0'W
18480	21Ed. 9/13/86 LAST NM 19/88 Delete	R Bn at light	48°31.5'N 125°00.0'W 48°34.3'N 125°40.0'W 48°28.5'N 126°00.0'W 48°28.5'N 125°20.0'W
18480	21Ed. 9/13/86 LAST NM 26/88 Change	Buoy "J" to Y, Fl Y 4s Racon (---)	(20(383)88 Ottawa) 26/88 48°21.5'N 123°42.8'W
18480	21Ed. 9/13/86 LAST NM 34/88 Add	Superbuoy ODAS, yellow, Fl(5) Y 20s	(28/88 CG13) 34/88 48°29.2'N 124°43.7'W
			(50/88 CG13) 4/89 48°50'N 126°00'W
★18484	8Ed. 7/28/84	NEW EDITION	(NOS) 40/84
★18484	8Ed. 7/28/84 LAST NM 40/84 Relocate	Buoys "2" close NE to (mooring) "A" close N	(36/84 CG13; NOS) 41/84 48°22'31.2"N 124°35'55.4"W 48°22'20.2"N 124°36'01.0"W
★18484	8Ed. 7/28/84 LAST NM 41/84 Add	Dangerous wreck (PA)	(CL1356/84) 47/84 48°22'38"N 124°36'32"W
★18484	8Ed. 7/28/84 LAST NM 47/84 Delete	Lights	(49/84 CG13) 5/85 48°22'25"N 124°35'39"W
18484	8Ed. 7/28/84 LAST NM 5/85 Change	Characteristic of buoy "1" to Fl G 4s	48°22'26"N 124°35'36"W (5/85 CG13) 10/85 48°22'37"N 124°35'11"W

★18484	8Ed. 7/28/84 LAST NM 10/85 Relocate	Buoy "2" (48°22'31"N 124°35'55"W) to	(49/86 CG13) 1/87 48°22'31.0"N 124°35'56.5"W
★18485	12Ed. 1/16/82 Add	NEW EDITION Buoy "J", orange and white bands, Fl 4sec Racon (–••–) (Previously published 10/82)	(NOS) 11/82 48°29'12"N 124°43'36"W
18485	12Ed. 1/16/82 LAST NM 11/82 Change	Color of buoy "1" to green	(9/83 CG13) 14/83 48°22'37"N 124°35'11"W
	Add	Note "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	48°17'40"N 124°36'35"W
18485	12Ed. 1/16/82 LAST NM 14/83 Relocate	Buoy "A" close N to	(19/84 CG13) 24/84 48°22'20.2"N 124°36'01.0"W
18485	12Ed. 1/16/82 LAST NM 24/84 Relocate	Buoy "2" close NE to	(36/84 CG13) 41/84 48°22'31.2"N 124°35'55.4"W
18485	12Ed. 1/16/82 LAST NM 41/84 Add	Dangerous wreck (PA)	(CL1356/84) 47/84 48°22'38"N 124°36'32"W
18485	12Ed. 1/16/82 LAST NM 47/84 Delete	Lights	(49/84 CG13) 5/85 48°22'26"N 124°35'39"W 48°22'26"N 124°35'36"W
★18485	12Ed. 1/16/82 LAST NM 5/85 Change	Characteristic of buoy "1" to Fl G 4s	(5/85 CG13) 10/85 48°22'37"N 124°35'11"W
★18485	12Ed. 1/16/82 LAST NM 10/85 Relocate	Buoy "2D" close S to	(48/85 CG13) 1/86 48°24'47"N 124°44'50"W
18485	12Ed. 1/16/82 LAST NM 1/86 Change	Characteristic of buoy "2UR" to Fl R 2.5s	(43/86 CG13) 50/86 48°11'11"N 124°49'12"W
18485	12Ed. 1/16/82 LAST NM 50/86 Relocate	Buoy "2D" (48°24'47"N 124°44'50"W) to and change characteristic to Fl R 4s	(3, 5/88 CG13) 10/88 48°24'56"N 124°44'54"W
★18485	12Ed. 1/16/82 LAST NM 10/88 Change	Buoy "J" to Y, Fl Y 4s Racon (–••–)	(28/88 CG13) 34/88 48°29'12"N 124°43'36"W
★18487	3Ed. 12/9/78	NEW EDITION	(DMAHTC) N5/79
★18500	21Ed. 1/19/85 Change	NEW EDITION Color of buoy "1" to green (Previously published 5/85)	(NOS) 14/85 46°14.4'N 124°09.6'W
★18500	21Ed. 1/19/85 LAST NM 14/85 Delete	Light	(33/85 CG13) 38/85 47°18.3'N 124°16.6'W
★18500	21Ed. 1/19/85 LAST NM 38/85 Add	Buoy (wave rider), orange and white, Fl(5) Y 20s	(45/85 CG13) 49/85 46°52.3'N 124°20.7'W

18500 21Ed. 1/19/85 LAST NM 49/85
Add — Ball topmark to buoy "GH" — (8/86 CG13) 13/86 — 46°51'55"N 124°14'20"W

18500 21Ed. 1/19/85 LAST NM 13/86
Relocate — Buoy "B" close E to and delete BELL — (12, 13/86 CG13) 18/86 — 46°42'54"N 124°07'16"W

Change — Characteristic of buoy "3" to Fl G 4s — 46°55.0'N 124°14.7'W

★18500 21Ed. 1/19/85 LAST NM 18/86
Relocate — Buoy "A" close SW to — (21, 23, 24, 27/86 CG13) 38/86 — 46°42'28"N 124°09'22"W
Light and R Bn close NW to and change height to 55ft — 46°44'10"N 124°04'55"W

Change — Characteristic of buoys "CR" to Fl 6s — 46°11.2'N 124°11.0'W
"1" to Fl G 4s — 46°14.4'N 124°09.6'W
Color of buoy "5" to green — 46°54.8'N 124°12.5'W

Add — Buoy, yellow, Fl Y 6s, Strobe Fl Y 4s HORN, Racon (-). — 46°09'56"N 124°10'30"W

18500 21Ed. 1/19/85 LAST NM 38/86
Relocate — Buoy "A" (46°42'28"N 124°09'22"W) to — (50/86 CG13) 3/87 — 46°42'30.3"N 124°09'03.4"W
(See 38/86-18500)

18500 21Ed. 1/19/85 LAST NM 3/87
Relocate — Buoy "W" close S to — (2/87 CG13) 8/87 — 46°41'50.4"N 124°10'46.6"W

18500 21Ed. 1/19/85 LAST NM 8/87
Add — Ball topmark to buoy "W" — (4/87 CG13) 9/87 — 46°41'50.4"N 124°10'46.6"W
(See 8/87-18500)

18500 21Ed. 1/19/85 LAST NM 9/87
Delete — Buoy — (8/87 CG13) 14/87 — 46°09'56"N 124°10'30"W

18500 21Ed. 1/19/85 LAST NM 14/87
Relocate — Buoy "A" — (11/87 CG13) 17/87
(46°42'30.3"N 124°09'03.4"W) to — 46°42'27.6"N 124°09'08.8"W
Supersedes (3/87-18500)

18500 21Ed. 1/19/85 LAST NM 17/87
Delete — Ball topmark from buoys "GH" — (14/87 CG13) 23/87 — 46°51.8'N 124°14.3'W
"W" — 46°41.8'N 124°10.8'W
(See 9/87-18500)

18500 21Ed. 1/19/85 LAST NM 23/87
Change — Buoy to yellow, Fl Y 6s, Strobe Fl Y 2.5s HORN — (19/87 CG13) 28/87 — 46°54'30"N 124°10'52"W

18500 21Ed. 1/19/85 LAST NM 28/87
Add — Superbuoy ODAS "46041", yellow, Fl(4)Y 20s — (25/87 CG13) 33/87 — 47°25.0'N 124°31.9'W

Racon —•• to buoy — 46°54.5'N 124°10.9'W
(See 28/87-18500)

18500 21Ed. 1/19/85 LAST NM 33/87
Delete — GONG from buoy "A" — (27/87 CG13) 37/87 — 46°42.5'N 124°09.1'W
(See 17/87-18500)

18500 21Ed. 1/19/85 LAST NM 37/87
Change — Characteristic of buoy "4" to Fl R 4s — (30/87 CG13) 41/87 — 46°53.7'N 124°11.7'W

18500 21Ed. 1/19/85 LAST NM 41/87
Change — Characteristic of buoy to Fl R 2.5s — (33/87 CG13) 43/87 — 46°54.3'N 124°11.1'W

18500 21Ed. 1/19/85 LAST NM 43/87
Relocate — Buoy "1" — (40/87 CG13) 47/87
(46°37.3'N 124°07.3'W) to — 46°38.4'N 124°07.2'W
and change color to green

18500 21Ed. 1/19/85 LAST NM 47/87
Relocate — Buoy "A" (46°42.5'N 124°09.1'W) to — (14/88 CG13) 18/88 — 46°42.3'N 124°09.1'W
(See 37/87-18500)

18500 21Ed. 1/19/85 LAST NM 18/88
Change — Characteristic of buoy to Fl Y 4s, Strobe Fl Y 2.5s — (21/88 CG13) 27/88 — 46°54.5'N 124°10.9'W

18500	21Ed. 1/19/85 LAST NM 27/88 Add	BELL to buoy "B"	(24/88 CG13) 33/88 46°42.9′N 124°07.3′W
18500	21Ed. 1/19/85 LAST NM 33/88 Add	Ball topmark to buoy "GH"	(10/89 CG13) 14/89 46°51.9′N 124°14.3′W
★**18502**	78Ed. 1/19/85 Change	NEW EDITION Characteristic of buoy "44" to Fl R 2.5s (Previously published 9/85)	(NOS) 16/85 46°58′03″N 123°54′04″W
★**18502**	78Ed. 1/19/85 LAST NM 16/85 Change	Color of buoy "13" to green	(27/85 CG13) 31/85 46°55′22″N 124°07′23″W
★**18502**	78Ed. 1/19/85 LAST NM 31/85 Add	Tabulation of controlling depths from back of Section I	(CL393/85; BP125540-41) 34/85
★**18502**	78Ed. 1/19/85 LAST NM 34/85 Add	Tabulation of controlling depths from back of Section I	(CL746/85; BP126539-43) 39/85
★**18502**	78Ed. 1/19/85 LAST NM 39/85 Add	Tabulation of controlling depths from back of Section I	(BP126751-56; CL829/85) 45/85
★**18502**	78Ed. 1/19/85 LAST NM 45/85 Relocate	Buoy "1" close E to	(45/85 CG13) 49/85 46°55′59″N 124°06′37″W
★**18502**	78Ed. 1/19/85 LAST NM 49/85 Change	(And Inset) Characteristic of light "2" to QR	(51/85 CG13) 6/86 46°54′47″N 124°07′05″W
★**18502**	78Ed. 1/19/85 LAST NM 6/86 Change	Color of buoy "SC" to red and green bands (topmost band red)	(6/86 CG13) 10/86 46°55′20″N 124°02′44″W
★**18502**	78Ed. 1/19/85 LAST NM 10/86 Add	Ball topmark to buoy "GH"	(8/86 CG13) 13/86 46°51′55″N 124°14′20″W
★**18502**	78Ed. 1/19/85 LAST NM 13/86 Add	Tabulation of controlling depths from back of Section I	(CL156/86; BP128481-85) 15/86
★**18502**	78Ed. 1/19/85 LAST NM 15/86 Change	Characteristic of buoy "3" to Fl G 4s	(13/86 CG13) 18/86 46°55′00″N 124°14′42″W
★**18502**	78Ed. 1/19/85 LAST NM 18/86 Relocate	Buoy "34" close NE to	(14/86 CG13) 21/86 46°57′42″N 123°57′54″W
	Change	Color of buoy "23" to green	46°55′36″N 124°02′20″W
★**18502**	78Ed. 1/19/85 LAST NM 21/86 Add	Tabulation of controlling depths from back of Section I	(CL314/86; BP128851-52) 25/86
★**18502**	78Ed. 1/19/85 LAST NM 25/86 Change	Characteristic of light to Fl Y 4s	(20/86 CG13) 26/86 47°57′05″N 124°06′12″W
★**18502**	78Ed. 1/19/85 LAST NM 26/86 Change	Color of buoys, each to green "5" "9" "11"	(24/86 CG13) 38/86 46°54′50″N 124°12′30″W 46°54 47″N 124°09′59″W 46°54′42″N 124°08′40″W
		Characteristic of buoys "13" to Fl G 4s "17" to Fl G 4s "27" to Fl G 2.5s	46°55′22″N 124°07′22″W 46°55′18″N 124°04′10″W 46°56′29″N 124°00′20″W
★**18502**	78Ed. 1/19/85 LAST NM 38/86 Add	Tabulation of controlling depths from back of Section I	(BP129773-783; CL825/86) 43/86
★**18502**	78Ed. 1/19/85 LAST NM 43/86 Relocate	Buoys "48" close E to "50" close NW	(45/86 CG13) 49/86 46°57′35.5″N 123°50′59.0″W 46°57′33.5″N 123°50′54.8″W

(continued on next page)

			49/86
★18502	(Continued) Change	Color of buoys each to green "21" "1"	 46°55′18″N 124°03′17″W 46°55′59″N 124°06′37″W
★18502	78Ed. 1/19/85 LAST NM 49/86 Delete	Bn "4"	(35/86 CG13) 51/86 46°55′15″N 124°02′54″W
★18502	78Ed. 1/19/85 LAST NM 51/86 Delete	Lights	(8/87 CG13) 14/87 46°58′22″N 123°46′40″W 46°58′17″N 123°46′38″W
★18502	78Ed. 1/19/85 LAST NM 14/87 Delete	Ball topmark from buoy "GH"	(12, 14/87 CG13) 23/87 46°51′54″N 124°14′20″W
	Relocate	Buoy "1" (46°55′59″N 124°06′37″W) to	46°55′54″N 124°06′36″W
	Change	Color of buoys, each to green "15" "15A" "29"	 46°55′22″N 124°06′10″W 46°55′20″N 124°05′22″W 46°57′05″N 123°59′32″W
		Period of buoy "6" to 2.5s	46°54′17″N 124°11′06″W
★18502	78Ed. 1/19/85 LAST NM 23/87 Change	Buoy "8" to "SJ", yellow, Fl Y 6s, Strobe Fl Y 2.5s HORN	(19/87 CG13) 28/87 46°54′30″N 124°10′52″W
★18502	78Ed. 1/19/85 LAST NM 28/87 Add	Racon ▬• to buoy "SJ" (See 28/87-18502)	(24/87 CG13) 33/87 46°54′30″N 124°10′52″W
★18502	78Ed. 1/19/85 LAST NM 33/87 Change	Characteristic of buoy "4" to Fl R 4s	(30/87 CG13) 41/87 46°53′41″N 124°11′44″W
★18502	78Ed. 1/19/85 LAST NM 41/87 Relocate	Buoy "15" close NW to	(43/87 CG13) 49/87 46°55′23″N 124°06′10″W
★18502	78Ed. 1/19/85 LAST NM 49/87 Add	Tabulation of controlling depths from back of Section I	(BP133179-84) 1/88
★18502	78Ed. 1/19/85 LAST NM 1/88 Add	Tabulation of controlling depths from back of Section I	(CL795/87; BP132820-21) 8/88
★18502	78Ed. 1/19/85 LAST NM 8/88 Add	Tabulation of controlling depths from back of Section I	(CL208/88; BP134351-53) 20/88
★18502	78Ed. 1/19/85 LAST NM 20/88 Change	Color of buoy "17" to green	(20/88 CG13) 25/88 46°55′18″N 124°04′10″W
★18502	78Ed. 1/19/85 LAST NM 25/88 Change	Characteristic of buoy "SJ" to Fl Y 4s, Strobe Fl Y 2.5s	(21/88 CG13) 27/88 46°54′30″N 124°10′52″W
		Color of buoy "25" to green	46°55′56″N 124°01′06″W
★18502	78Ed. 1/19/85 LAST NM 27/88 Delete	Lights	(28/88 CG13) 34/88 46°58′43″N 123°46′57″W 46°58′43″N 123°47′00″W
★18502	78Ed. 1/19/85 LAST NM 34/88 Add	Chartlet, depicting changes in hydrography, from back of Section I	(NOS) 52/88 46°55′N 124°08′W
★18502	78Ed. 1/19/85 LAST NM 52/88 Add	Tabulation of controlling depths from back of Section I	(BP136377-90) 11/89
★18502	78Ed. 1/19/85 LAST NM 11/89 Add	Ball topmark to buoy "GH"	(10/89 CG13) 14/89 46°51′55″N 124°14′20″W
★18504	60Ed. 9/22/84	NEW EDITION	(NOS) 47/84
★18504	60Ed. 9/22/84 LAST NM 47/84 Add	Tabulation of controlling depths from back of Section I	(BP124662-68) 11/85

SUBREGION 18

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★18504 60Ed. 9/22/84 LAST NM 11/85
Relocate Buoy "B" close SE to (10/85 CG13) 14/85
46°42'53.8"N 124°07'22.1"W

★18504 60Ed. 9/22/84 LAST NM 14/85
Change Characteristic of buoy "12" to Fl R 4s (11/85 CG13) 16/85
46°42'49"N 124°02'34"W

★18504 60Ed. 9/22/84 LAST NM 16/85
Change Characteristic of lights (17/85 CG13) 21/85
"29" to Fl G 2.5s
(undesignated) to Fl G(2+1)
46°42'26"N 123°50'35"W
46°32'19"N 123°58'31"W

18504 60Ed. 9/22/84 LAST NM 21/85
Change Color of beacons, each to (NOS) 26/85
red and black
"C"
"C"
46°41'25"N 123°49'03"W
46°41'30"N 123°49'04"W

★18504 60Ed. 9/22/84 LAST NM 26/85
Change Characteristic of lights (30/85 CG13) 34/85
"1" to Fl G 2.5s
"35" to Fl G 6s
46°41'49"N 123°57'37"W
46°41'40"N 123°49'22"W

★18504 60Ed. 9/22/84 LAST NM 34/85
Change Characteristic of light "2" to Fl R 6s (48/85 CG13) 1/86
46°41'36"N 123°57'27"W

★18504 60Ed. 9/22/84 LAST NM 1/86
Change Characteristic of lights (6/86 CG13) 10/86
"7" to Fl G 4s
"10" to Fl R 4s
46°36'33"N 123°58'23"W
46°34'15"N 123°58'33"W

★18504 60Ed. 9/22/84 LAST NM 10/86
Relocate Buoy "B" (12/86 CG13) 18/86
(46°42'53.8"N 124°07'22.1"W) to
and delete BELL
46°42'54"N 124°07'16"W

★18504 60Ed. 9/22/84 LAST NM 18/86
Change Characteristic of lights (20/86 CG 13) 26/86
"2" to Fl R 2.5s
"6" to Fl R 4s
46°38'39"N 123°59'20"W
46°38'22"N 123°58'14"W

★18504 60Ed. 9/22/84 LAST NM 26/86
Delete Light to R Bn (23, 24, 30/86 CG13) 38/86
46°44'03"N 124°04'38"W

Relocate Buoys, "6" close NW to 46°43'19"N 124°06'06"W
and change characteristic to
Fl R 2.5s
"8" close W 46°43'32"N 124°05'13"W
and change characteristic to QR
"A" close SW 46°42'28"N 124°09'22"W

Change Characteristic of light "3" to Fl G 6s 46°41'14"N 123°59'28"W
Characteristic of buoy "10" to
Fl R 2.5s
Color of buoy "13" to green 46°43'21"N 124°03'43"W
46°42'05"N 124°01'17"W

Add Light "Willapa Bay" Fl 10s 55ft 13M
R Bn 304 (•••—) with obscured sector
120°-270° 46°44'10"N 124°04'55"W

18504 60Ed. 9/22/84 LAST NM 38/86
Relocate Buoy "10" close SE to (44/86 CG13) 49/86
(See 37/86-18504) 46°43'12"N 124°03'24"W

★18504 60Ed. 9/22/84 LAST NM 49/86
Relocate Buoy "A" (46°42'28"N 124°09'22"W) to (50/86 CG13) 3/87
(See 38/86-18504) 46°42'30.3"N 124°09'03.4"W

★18504 60Ed. 9/22/84 LAST NM 3/87
Relocate Buoy "W" close S to (2/87 CG13) 8/87
46°41'50.4"N 124°10'46.6"W

★18504 60Ed. 9/22/84 LAST NM 8/87
Add Ball topmark to buoy "W" (4/87 CG13) 9/87
(See 8/87-18504) 46°41'50.4"N 124°10'46.6"W

★18504 60Ed. 9/22/84 LAST NM 9/87
Relocate Buoy "A" (11/87 CG13) 17/87
(46°42'30.3"N 124°09'03.4"W) to
(Supersedes 3/87-18504) 46°42'27.6"N 124°09'08.8"W

(continued on next page)

★18504	(Continued) Relocate	Buoy "6" (46°43'19"N 124°06'06"W) to (See 38/86-18504)	17/87 46°43'22.0"N 124°06'08.0"W
★18504	60Ed. 9/22/84 LAST NM 17/87 Delete	Ball topmark from buoy "W" (Supersedes 9/87-18504)	(14/87 CG13) 23/87 46°41'50.4"N 124°10'46.6"W
★18504	60Ed. 9/22/84 LAST NM 23/87 Relocate	Buoy "8" close W to	(16/87 CG13) 27/87 46°43'31.5"N 124°05'18.0"W
★18504	60Ed. 9/22/84 LAST NM 27/87 Relocate	Buoy "10" (46°43'12"N 124°03'24"W) to (See 49/86-18504)	(22/87 CG13) 31/87 46°43'25.3"N 124°03'54.2"W
★18504	60Ed. 9/22/84 LAST NM 31/87 Delete	GONG from buoy "A" (See 17/87-18504)	(27/87 CG13) 37/87 46°42'28"N 124°09'09"W
★18504	60Ed. 9/22/84 LAST NM 37/87 Change	Characteristic of light "10" tc Fl R 6s	(30/87 CG13) 41/87 46°41'48"N 123°54'58"W
★18504	60Ed. 9/22/84 LAST NM 41/87 Relocate	Buoy "1" (46°37'18"N 124°07'16"W) to and change color to green	(39, 40/87 CG13) 47/87 46°38'22"N 124°07'13"W
	Change	Light "1" to QG 4M	46°30'03"N 124°01'25"W
★18504	60Ed. 9/22/84 LAST NM 47/87 Change	Light to Fl(2+1) G 6s 15ft 5M	(48/87 CG13) 1/88 46°32'19"N 123°58'31"W
★18504	60Ed. 9/22/84 LAST NM 1/88 Change	Light "19" to Fl G 6s 15ft 4M	(7/88 CG13) 12/88 46°42'13"N 123°53'13"W
★18504	60Ed. 9/22/84 LAST NM 12/88 Relocate	Buoy "A" (46°42'27.6"N 124°09'08.8"W) to (See 37/87-18504)	(14/88 CG13) 18/88 46°42'18.5"N 124°09'07.5"W
★18504	60Ed. 9/22/84 LAST NM 18/88 Add	BELL to buoy "B"	(24/88 CG13) 33/88 46°42'54"N 124°07'16"W
★18504	60Ed. 9/22/84 LAST NM 33/88 Add	Tabulation of controlling depths from back of Section I	(BP130119-25) 2/89
★18520	18Ed. 4/8/89	NEW EDITION	(NOS) 23/89
★18521	56Ed. 9/19/87 Relocate	NEW EDITION Buoy "7" close SE to (Previously published 46/87)	(NOS) 52/87 46°10'51"N 123°44'11"W
★18521	56Ed. 9/19/87 LAST NM 52/87 Add	Tabulation of controlling depths from back of Section I	(CL1154/87; BP133176, 133734-6, 133334-5) 8/88
★18521	56Ed. 9/19/87 LAST NM 8/88 Add	Tabulation of controlling depths from back of Section I	(BP133971-72, 134017) 13/88
★18521	56Ed. 9/19/87 LAST NM 13/88 Change	Fog signal of buoy "7" to BELL	(13/88 CG13) 17/88 46°15'09"N 124°06'14"W
★18521	56Ed. 9/19/87 LAST NM 17/88 Delete	Lights	(15/88 CG13) 19/88 46°11'21"N 123°51'51"W 46°11'23"N 123°51'46"W 46°11'24"N 123°51'40"W 46°11'25"N 123°51'33"W 46°11'27"N 123°51'25"W
	Relocate	Buoy "2" close S to	46°14'59.5"N 123°40'45.6"W

SUBREGIONS

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★18521 56Ed. 9/19/87 LAST NM 19/88
Add — Tabulation of controlling depths from back of Section I — (BP134370-72, 134786-87, 134516, 134464) 32/88

★18521 56Ed. 9/19/87 LAST NM 32/88
Relocate — Buoy "7" close NW to — (CL736/88; 47/88 CG13) 53/88 — 46°10'55.2"N 123°44'09.3"W
Add — Beacon "7", green — 46°15'29.3"N 123°39'39.0"W
Tabulation of controlling depths from back of Section I

★18521 56Ed. 9/19/87 LAST NM 53/88
Delete — Buoy "10" — (49/88 CG13) 1/89 — 46°15'29"N 123°47'52"W
Bn "14" — 46°16'04"N 123°43'51"W
Substitute — Bn "14A", red, for buoy "14A" — 46°16'35"N 123°45'01"W
Add — Bn "10", red — 46°15'40"N 123°47'20"W

★18521 56Ed. 9/19/87 LAST NM 1/89
Add — Tabulation of controlling depths from back of Section I — (CL976/88) 6/89

★18521 56Ed. 9/19/87 LAST NM 6/89
Add — Tabulation of controlling depths from back of Section I — (CL134/89; BP136559) 13/89

★18521 56Ed. 9/19/87 LAST NM 13/89
Relocate — Buoy "9" close SE to — (12/89 CG13) 16/89 — 46°15'36"N 124°05'01"W

★18523 42Ed. 2/9/85 NEW EDITION
Change — Characteristic of light "83" to Fl G 2.5s (Previously published 12/85) — (NOS) 22/85 — 46°11'25"N 123°09'59"W
Change — Light "11" to Fl G 6s 19ft 4M (Previously published 14/85) — 46°15'41"N 123°38'26"W
Delete — Designation from light "29" (Previously published 18/85) — 46°16'27"N 123°29'10"W
Change — Characteristic of lights, each to Fl G 2.5s
"27" — 46°16'19"N 123°30'16"W
"39" — 46°13'46"N 123°25'19"W
Lights, each to Fl R 6s 4M
"60" — 46°08'40"N 123°21'58"W
"80" — 46°10'09"N 123°12'59"W
(Previously published 21/85)

18523 42Ed. 2/9/85 LAST NM 22/85
Change — Characteristic of buoy "86" to QR — (21/85 CG15) 25/85 — 46°11'11"N 123°07'38"W

★18523 42Ed. 2/9/85 LAST NM 25/85
Add — Tabulation of controlling depths from back of Section I — (CL 421/85) 26/85

★18523 42Ed. 2/9/85 LAST NM 26/85
Change — Light "64" to Fl R 6s 4M — (25/85 CG13) 29/85 — 46°08'25"N 123°19'47"W

★18523 42Ed. 2/9/85 LAST NM 29/85
Change — Characteristic of buoy "68" to Fl R 2.5s — (30/85 CG13) 34/85 — 46°08'40"N 123°17'19"W

★18523 42Ed. 2/9/85 LAST NM 34/85
Add — Tabulation of controlling depths from back of Section I — (CL548, 646, 725/85) 39/85

★18523 42Ed. 2/9/85 LAST NM 39/85
Relocate — Buoy "18" close NE to — (38/85 CG13) 43/85 — 46°15'22"N 123°33'46"W
Change — Lights "17" to Iso G 6s 7M — 46°15'30"N 123°35'09"W
"19" to Fl G 6s 4M — 46°15'38"N 123°33'47"W

★18523	42Ed. 2/9/85 LAST NM 43/85		(CL857/85) 45/85
	Add	Tabulation of controlling depths from back of Section I	
★18523	42Ed. 2/9/85 LAST NM 45/85		(47/85 CG13) 1/86
	Change	Characteristic of buoys	
		"15" to QG	46°15′27″N 123°35′11″W
		"26" to Fl R 2.5s	46°16′01″N 123°30′37″W
★18523	42Ed. 2/9/85 LAST NM 1/86		(51, 52/85 CG13) 5/86
	Change	Lights, "33" to Fl G 2.5s 4M	46°15′59″N 123°27′26″W
		"35" to Fl G 4s 6M	46°15′17″N 123°26′36″W
		"46" to QR 5M	46°10′55″N 123°25′54″W
★18523	42Ed. 2/9/85 LAST NM 5/86		(CL1239/85) 10/86
	Add	Tabulation of controlling depths from back of Section I	
★18523	42Ed. 2/9/85 LAST NM 10/86		(7/86 CG13) 11/86
	Change	Characteristic of light "8" to Fl R 2.5s	46°09′01″N 123°17′46″W
★18523	42Ed. 2/9/85 LAST NM 11/86		(9/86 CG13) 13/86
	Change	Characteristic of buoy "41" to Fl G 4s	46°13′11″N 123°25′17″W
★18523	42Ed. 2/9/85 LAST NM 13/86		(12/86 CG13) 18/86
	Change	Light "23" to Fl G 4s 6M	46°16′02″N 123°31′09″W
★18523	42Ed. 2/9/85 LAST NM 18/86		(CL267/86) 23/86
	Add	Tabulation of controlling depths from back of Section I	
★18523	42Ed. 2/9/85 LAST NM 23/86		(CL705/86; BP129474-75, 128962) 35/86
	Add	Tabulation of controlling depths from back of Section I	
★18523	42Ed. 2/9/85 LAST NM 35/86		(27/86 CG13) 38/86
	Change	Characteristic of lights	
		"76" to QR	46°09′48″N 123°13′55″W
		"77" to Fl G 2.5s	46°10′11″N 123°13′39″W
18523	42Ed. 2/9/85 LAST NM 38/86		(BP129932-34, 949-50; CL976/86) 45/86
	Add	Tabulation of controlling depths from back of Section I	
★18523	42Ed. 2/9/85 LAST NM 45/86		(35, 37, 40/86 CG13) 51/86
	Delete	Buoy "5"	46°13′52″N 123°39′56″W
	Relocate	Light "70" close SW to	46°08′54.4″N 123°15′37.0″W
		Buoy "32" close SE	46°16′00.0″N 123°27′57.0″W
	Change	Characteristic of buoy "12" to Fl R 6s	46°15′27″N 123°38′15″W
		Lights "79" to Fl G 4s 4M	46°10′27″N 123°12′48″W
		"69" to Fl G 4s 6M	46°09′10″N 123°15′57″W
		"21" to Fl G 2.5s 4M	46°12′51″N 123°37′07″W
		Color of buoy "15" to green	46°15′27″N 123°35′10″W
★18523	42Ed. 2/9/85 LAST NM 51/86		(BP130630, 130924, 130458, 130873, 130875) 15/87
	Add	Tabulation of controlling depths from back of Section I	
★18523	42Ed. 2/9/85 LAST NM 15/87		(10/87 CG13) 17/87
	Delete	Light "59"	46°08′59″N 123°22′19″W
	Add	Buoy "59", green, Fl G 6s	46°08′59″N 123°22′20″W
★18523	42Ed. 2/9/85 LAST NM 17/87		(14/87 CG13) 23/87
	Change	Characteristic of light "14A" to Fl R 2.5s	46°15′16″N 123°35′24″W
★18523	42Ed. 2/9/85 LAST NM 23/87		(CL136/87; BP131415-16) 29/87
	Add	Tabulation of controlling depths from back of Section I	
★18523	42Ed. 2/9/85 LAST NM 29/87		(43/87 CG13) 49/87
	Change	Light "71" to QG 3M	46°09′27″N 123°15′11″W

★18523	42Ed. 2/9/85 LAST NM 49/87 Change	Light "81" to Fl G 4s 4M	(45/87 CG13) 51/87 46°11'13"N 123°10'51"W
★18523	42Ed. 2/9/85 LAST NM 51/87 Add	Tabulation of controlling depths from back of Section I	(MCNM8049/88) 7/88
★18523	42Ed. 2/9/85 LAST NM 7/88 Add	Tabulation of controlling depths from back of Section I	(CL1154/87; BP133177-78) 8/88
★18523	42Ed. 2/9/85 LAST NM 8/88 Relocate	Buoy "1" close E to	(4/88 CG13) 9/88 46°12'19"N 123°23'19"W
★18523	42Ed. 2/9/85 LAST NM 9/88 Add	Tabulation of controlling depths from back of Section I	(BP134017-22) 13/88
★18523	42Ed. 2/9/85 LAST NM 13/88 Add	Tabulation of controlling depths from back of Section I	(CL279/88) 21/88
★18523	42Ed. 2/9/85 LAST NM 21/88 Add	Tabulation of controlling depths from back of Section I	(BP134019, 134787, 134517-18, 134375, 377) 32/88
★18523	42Ed. 2/9/85 LAST NM 32/88 Add	Beacons, each green "7" "43" Tabulation of controlling depths from back of Section I	(CL736/88; 47/88 CG13) 53/88 46°15'29.3"N 123°39'39.0"W 46°12'19.1"N 123°25'23.9"W
★18523	42Ed. 2/9/85 LAST NM 53/88 Add	Tabulation of controlling depths from back of Section I	(CL976/88) 6/89
★18523	42Ed. 2/9/85 LAST NM 6/89 Add	Tabulation of controlling depths from back of Section I	(CL134/89; BP136559) 13/89
★18523	42Ed. 2/9/85 LAST NM 13/89 Add	Tabulation of controlling depths from back of Section I	(CL315/89) 20/89
★18524	23Ed. 7/9/88	NEW EDITION	(NOS) 40/88
★18524	23Ed. 7/9/88 LAST NM 40/88 Delete	(Sides A & B) Designation "5" from light and add period 6s	(38/88 CG13) 43/88 45°51'40"N 122°47'26"W
★18524	23Ed. 7/9/88 LAST NM 43/88 Add Add	(Side A) Tabulation of controlling depths from back of Section I (Side B) Tabulation of controlling depths from back of Section I	(CL736/88) 53/88
★18524	23Ed. 7/9/88 LAST NM 53/88 Add Add	(Side A) Tabulation of controlling depths from back of Section I (Side B) Tabulation of controlling depths from back of Section I	(CL976/88) 6/89
★18524	23Ed. 7/9/88 LAST NM 6/89 Add Add	(Side A) Tabulation of controlling depths from back of Section I (Side B) Tabulation of controlling depths from back of Section I	(CL134/89; BP136568, 136572-73, 136579) 13/89

★18524	23Ed. 7/9/88 LAST NM 13/89		(CL315/89) 20/89
		(Side A)	
	Add	Tabulation of controlling depths from back of Section I	
★18526	44Ed. 2/28/87	NEW EDITION	(NOS) 19/87
	Change	Color of buoy "47" to green	45°38'54.5"N 122°44'44.0"W
		(Previously published 12/87)	
18526	44Ed. 2/28/87 LAST NM 19/87		(CL858/87; BP132788, 132944, 131449) 1/88
	Add	Tabulation of controlling depths from back of Section I	
★18526	44Ed. 2/28/87 LAST NM 1/88		(CL197/88) 16/88
	Add	Position circle "Piling" (PA)	45°31'13"N 122°39'57"W
18526	44Ed. 2/28/87 LAST NM 16/88		(CL207/88; BP134279-280) 20/88
	Add	Tabulation of controlling depths from back of Section I	
★18526	44Ed. 2/28/87 LAST NM 20/88		(CL479/88; BP134279-80) 32/88
	Add	Tabulation of controlling depths from back of Section I	
18526	44Ed. 2/28/87 LAST NM 32/88		(BP135246-47) 37/88
	Add	Tabulation of controlling depths from back of Section I	
★18526	44Ed. 2/28/87 LAST NM 37/88		(CL736/88) 53/88
	Add	Tabulation of controlling depths from back of Section I	
18526	44Ed. 2/28/87 LAST NM 53/88		(CL134/89; BP136574) 13/89
	Add	Tabulation of controlling depths from back of Section I	
★18527	15Ed. 9/10/88	NEW EDITION	(NOS) 48/88
★18528	7Ed. 9/13/86	NEW EDITION	(NOS) 51/86
★18531	15Ed. 6/1/85	NEW EDITION	(NOS) 35/85
		(Side A)	
	Change	Characteristic of light "43" to Fl G 4s	45°34'21.0"N 122°24'01.0"W
		Buoys "75" to green can	45°35'02.0"N 122°08'23.0"W
		"76" to red, Fl R 2.5s	45°34'58.3"N 122°07'56.4"W
		(Previously published 27/85)	
		(Side A)	
	Change	Color of buoy "1" to green	45°33'57"N 122°24'47"W
		(Previously published 28/85)	
		(Side A)	
	Change	Color of buoy "83" to green	45°34'59"N 122°06'28"W
		(Previously published 29/85)	
		(Side A)	
	Change	Characteristic of light "69" to Fl G 4s	45°34'30"N 122°11'20"W
		(Previously published 31/85)	
★18531	15Ed. 6/1/85 LAST NM 35/85		(NOS) 40/85
	Add	Chartlets, depicting changes in aids to navigation, from back of Section I	
		(A)	45°34'10"N 122°27'22"W
		(B)	45°35'15"N 122°32'30"W
★18531	15Ed. 6/1/85 LAST NM 40/85		(CL267/86) 23/86
		(Side A)	
	Add	Tabulation of controlling depths from back of Section I	

★18531 15Ed. 6/1/85 LAST NM 23/86 (CL705/86; BP129476, 128866) 35/86
(Side A)
Add Tabulation of controlling depths
from back of Section I

★18531 15Ed. 6/1/85 LAST NM 35/86 (50/86 CG13) 3/87
(Side A)
Add Designation "16" to light 45°36'04"N 122°35'57"W

★18531 15Ed. 6/1/85 LAST NM 3/87 (6/87 CG13) 12/87
Change Period of light to 2.5s 45°32'35"N 122°16'28"W

★18531 15Ed. 6/1/85 LAST NM 12/87 (8/87 CG13) 14/87
Delete Bn "29" 45°35'13"N 122°30'12"W
Light "23" 45°35'51"N 122°32'45"W

★18531 15Ed. 6/1/85 LAST NM 14/87 (16/87 CG13) 27/87
Add Buoy "35", green can 45°33'56"N 122°26'25"W
(See 40/85-18531)

★18531 15Ed. 6/1/85 LAST NM 27/87 (18/87 CG13) 28/87
(Side A)
Change Characteristic of range lights,
front to Q 45°34'03"N 122°20'33"W
rear to Iso 6s 45°33'59"N 122°20'16"W

★18531 15Ed. 6/1/85 LAST NM 28/87 (29/87 CG13) 40/87
(Side A)
Change Characteristic of range lights,
front to QR 45°34'27"N 122°26'09"W
rear to Iso R 6s 45°34'26"N 122°26'03"W
(See 40/85-18531)

★18531 15Ed. 6/1/85 LAST NM 40/87 (34/87 CG13) 44/87
(Side A)
Change Characteristic of range lights,
front to QR 45°34'51"N 122°06'24"W
rear to Iso R 45°34'50"N 122°06'14"W

★18531 15Ed. 6/1/85 LAST NM 44/87 (40/87 CG13) 47/87
(Side A)
Substitute Bns, each red, for buoys
"2" 45°34'49"N 122°27'56"W
"20" 45°33'36"N 122°27'20"W
(See 40/87-18531)

★18531 15Ed. 6/1/85 LAST NM 47/87 (43/87 CG13) 49/87
(Side A)
Add Range lights,
front FR 37ft 45°36'00"N 122°33'20"W
rear FG 45ft 45°36'00"N 122°33'14"W

Range line extending in 274.6°
direction from rear light
dashed for 1200 yards, thence
solid for 2300 yards
Note: Lights in line 094.6°
(See 40/85-18531)

★18531 15Ed. 6/1/85 LAST NM 49/87 (CL858/87; BP130995, 131058, 130275) 1/88
(Side A)
Add Tabulation of controlling depths
from back of Section I

★18531 15Ed. 6/1/85 LAST NM 1/88 (49/87 CG13) 4/88
(Side A)
Add Bns "3", green 45°38'32"N 121°56'00"W
"4", red 45°38'33"N 121°55'48"W

★18531 15Ed. 6/1/85 LAST NM 4/88 (CL134/89; BP136579-80) 13/89
Add Tabulation of controlling depths
from back of Section I

★18531 15Ed. 6/1/85 LAST NM 13/89 (15/89 CG13) 19/89
(Side A)
Add Designation "2" to light 45°36'11"N 122°38'02"W

★18533 9Ed. 10/1/83 NEW EDITION (NOS) 1/84

★18535	10Ed. 5/26/84	NEW EDITION	(NOS) 34/84
★18536	9Ed. 5/1/82	NEW EDITION	(NOS) 32/82
★18537	9Ed. 11/1/86	NEW EDITION	(NOS) 3/87
★18539	7Ed. 11/24/84	NEW EDITION	(NOS) 6/85
★18539	7Ed. 11/24/84 LAST NM 6/85		
	Change	Color of buoy "77" to green	(35/87 CG13) 47/87 45°55'59"N 119°19'37"W
★18541	6Ed. 11/10/84	NEW EDITION	(NOS) 3/85
★18541	6Ed. 11/10/84 LAST NM 3/85		
	Relocate	Buoy "H" close NW to	(49/87 CG13) 4/88 45°55'46"N 119°17'30"W
★18542	8Ed. 2/21/87	NEW EDITION	(NOS) 19/87
★18545	12Ed. 10/1/83	NEW EDITION	(NOS) 51/83
★18546	7Ed. 1/19/85	NEW EDITION	(NOS) 14/85
★18547	6Ed. 6/16/84	NEW EDITION	(NOS) 34/84
★18548	2Ed. 8/7/82	NEW EDITION	(NOS) 42/82
★18551	5Ed. 6/16/79	NEW EDITION	(NOS) 34/79
★18553	5Ed. 8/25/79	NEW EDITION	(NOS) 47/79
★18554	5Ed. 12/11/82	NEW EDITION	(NOS) 7/83
★18556	23Ed. 10/30/82	NEW EDITION	(NOS) 1/83
★18556	23Ed. 10/30/82 LAST NM 1/83		
	Change	Color of buoy "NR" to red and white stripes and add ball topmark	(32/84 CG13) 36/84 45°39'18"N 123°57'28"W
★18558	35Ed. 5/19/84	NEW EDITION	
	Change	Buoy "1" to green, Fl G 4sec GONG (Previously published 25/84)	(NOS, 23/84 CG13) 35/84 45°34'15.5"N 123°58'36.0"W
	Change	Period of light "3" to 2.5s (Previously published 29/84)	45°34'14"N 123°57'53"W
	Change	Color of buoy "T" to red and white stripes (Previously published 34/84)	45°34'18"N 123°59'32"W
	Change	Color of buoys to red and white stripes	45°26'27"N 123°58'36"W
★18558	35Ed. 5/19/84 LAST NM 35/84		
	Delete	Buoy "N"	(47/84 CG13) 2/85 45°26'27"N 123°58'36"W
★18558	35Ed. 5/19/84 LAST NM 2/85		
	Change	Legend to "18 FEET MAY-JUNE 1985"	(CL646/85, BP126064, 125829, 125897) 33/85 45°33'33"N 123°56'00"W
	Add	Legend "17 FEET JUNE 1985"	45°33'13"N 123°55'20"W
★18558	35Ed. 5/19/84 LAST NM 33/85		
	Substitute	Light "11", QG 3M for buoy "11" Bn "13", green for buoy "13"	(12, 13/86 CG/13) 18/86 45°33'17"N 123°55'38"W 45°33'16"N 123°55'22"W
18558	35Ed. 5/19/84 LAST NM 18/86		(21/86 CG13) 38/86
	Add	Ball topmark to buoy "T"	45°34'17.9"N 123°59'32.0"W

SECTION 18

★18558	35Ed. 5/19/84 LAST NM 38/86		(16/87 CG13) 27/87
	Delete	Ball topmark from buoy "T"	45°34'18"N 123°59'32"W
★18558	35Ed. 5/19/84 LAST NM 27/87		(NOS) 52/87
	Change	Legend to "17 FEET JUNE 1985-SEPT 1987"	45°33'38"N 123°56'05"W
	Add	Depths 16 feet	45°34'12"N 123°58'03"W
		18 feet	45°34'11"N 123°58'22"W
★18558	35Ed. 5/19/84 LAST NM 52/87		(13/89 CG13) 18/89
	Change	Visibility (range) of light to 17M	45°29'12"N 123°58'37"W
★18561	8Ed. 7/1/78	NEW EDITION	(NOS) 39/78
18561	8Ed. 7/1/78 LAST NM 39/78		(CL1271/79) 47/79
	Relocate	Light (AERO) (44°35.2'N 124°03.6'W) to and delete legend "PA"	44°35'12"N 124°03'36"W
T 18561	8Ed. 7/1/78 LAST NM 47/79 (Temp'y)		(24/80 CG13) 30/80
	Delete	Light "5" and HORN	44°36'42"N 124°04'49"W
	Add	Light "4" Fl R 2½sec HORN	44°36'32.5"N 124°04'46.0"W
18561	8Ed. 7/1/78 LAST NM 30/80		(41/80 CG13) 46/80
	Delete	Light "4" and HORN (See 30/80T-18561)	44°36'32.5"N 124°04'46.0"W
18561	8Ed. 7/1/78 LAST NM 46/80		(24/81 CG13) 29/81
	Delete	Light "5" and HORN	44°36'42"N 124°04'51"W
	Add	Light "4" Fl R 2½sec 5M HORN Ra Ref (Jun 1 to Oct 1) (PA) (Supersedes 30/80T-18561)	44°36'32.5"N 124°04'46.0"W
18561	8Ed. 7/1/78 LAST NM 29/81		(19/83 CG13) 24/83
	Change	Color of buoy "3" to green	44°36'27"N 124°05'23"W
	Add	Note in upper left margin of chart "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	
18561	8Ed. 7/1/78 LAST NM 24/83		(CL658/83) 39/83
	Substitute	Double dashed line (submerged breakwater) for double solid line between	44°36'42"N 124°04'52"W 44°36'40"N 124°04'55"W
18561	8Ed. 7/1/78 LAST NM 39/83		(10/84 CG13) 14/84
	Change	Buoy "1" to green, Fl 4sec GONG	44°36'14"N 124°05'59"W
18561	8Ed. 7/1/78 LAST NM 14/84		(CL561/84) 21/84
	Add	Dangerous wreck (PA)	44°36'44"N 124°04'49"W
18561	8Ed. 7/1/78 LAST NM 21/84		(4/85 CG13) 9/85
	Change	Light "8" to QR 20ft, Fl R 4s 20ft HORN	44°37.1'N 124°03.6'W

★18561	8Ed. 7/1/78 LAST NM 9/85		(25/85 CG13) 29/85
	Change	Color of buoy "DB" to red and white stripes and add ball topmark	45°48.5'N 124°05.3'W
★18561	8Ed. 7/1/78 LAST NM 29/85	(Inset: Depoe Bay)	(44/85 CG13) 48/85
	Relocate	Buoy "2" close E to	44°48'30.6"N 124°04'18.2"W
18561	8Ed. 7/1/78 LAST NM 48/85		(13/86 CG13) 18/86
	Change	Color of buoy "Y" to red and white stripes and add ball topmark	44°35'52"N 124°06'42"W
18561	8Ed. 7/1/78 LAST NM 18/86		(19/86 CG13) 24/86
	Change	Characteristic of buoy "1" to Fl G 2.5s	44°36'14"N 124°05'59"W
★18561	8Ed. 7/1/78 LAST NM 24/86	(And Inset Depoe Bay)	(25/86 CG13) 38/86
	Change	Characteristic of buoy "2" to Fl R 4s (See 48/85-18561)	44°48'30.6"N 124°04'18.2"W
18561	8Ed. 7/1/78 LAST NM 38/86		(14/87 CG13) 23/87
	Delete	Ball topmark from buoy "Y"	44°35'50"N 124°06'42"W
★18561	8Ed. 7/1/78 LAST NM 23/87		(22/87 CG13) 31/87
	Delete	Ball topmark from buoy "DB"	44°48'30"N 124°05'14"W
	Add	Superbuoy ODAS "46040", yellow, Fl(4) Y 20s	44°46'20"N 124°17'27"W
★18561	8Ed. 7/1/78 LAST NM 31/87		(2/89 CG13) 6/89
	Relocate	Superbuoy ODAS "46040" close NW to	44°46'50"N 124°18'06"W
★18580	15Ed. 10/1/83	NEW EDITION	(NOS) 51/83
	Relocate	Buoy "2" close SE to (Previously published 41/83)	43°08'12"N 124°27'52"W
18580	15Ed. 10/1/83 LAST NM 51/83		(NOS) 52/83
	Relocate	Buoys "1" close SW to	43°40'03.5"N 124°13'47.0"W
		"2" close S	43°39'59.0"N 124°13'21.0"W
	Change	Designation of buoys "U" to "K"	43°22'15"N 124°23'00"W
		"K" to "U"	43°40'00"N 124°14'21"W
18580	15Ed. 10/1/83 LAST NM 52/83		(3/84 CG13) 7/84
	Change	Color of buoy "1" to green	43°21.8'N 124°21.7'W
18580	15Ed. 10/1/83 LAST NM 7/84		(10/84 CG13) 14/84
	Change	Buoy "1" to green, Fl 4sec GONG	44°36'14"N 124°05'59"W
18580	15Ed. 10/1/83 LAST NM 14/84		(CL561/84) 21/84
	Add	Dangerous wreck (PA)	44°36'44"N 124°04'49"W
18580	15Ed. 10/1/83 LAST NM 21/84		(NOS) 17/85
	Change	Characteristic of light to FR	44°01'03"N 124°07'29"W
18580	15Ed. 10/1/83 LAST NM 17/85		(23/85 CG13) 27/85
	Change	Light to "8" Fl R 4s 30ft 6M HORN (June 1 to Sept 15)	43°07.4'N 124°25.7'W
18580	15Ed. 10/1/83 LAST NM 27/85		(24/85 CG13) 28/85
	Change	Light to Fl G 2.5s HORN	43°21.5'N 124°20.6'W
18580	15Ed. 10/1/83 LAST NM 28/85		(25/85 CG13) 29/85
	Add	Buoys, each yellow, Fl Y 6s	
		"E"	43°21'47"N 124°22'25"W
		"F"	43°22'30"N 124°22'00"W
		"H"	43°23'59"N 124°23'16"W
18580	15Ed. 10/1/83 LAST NM 29/85		(29/85 CG13) 34/85
	Change	Legend to "21 feet rep (1985)"	43°21.3'N 124°28.1'W
18580	15Ed. 10/1/83 LAST NM 34/85		(39/85 CG13) 44/85
	Change	Characteristic of buoy "4" to Fl R 6s	43°07'54"N 124°27'12"W

18580 15Ed. 10/1/83 LAST NM 44/85
Change — Characteristic of buoy "20R" to Fl R 4s — (48/85 CG13) 1/86 — 42°45.1'N 124°39.2'W

18580 15Ed. 10/1/83 LAST NM 1/86
Change — Color of buoy "Y" to red and white stripes and add ball topmark — (13/86 CG13) 18/86 — 44°35.9'N 124°06.7'W

18580 15Ed. 10/1/83 LAST NM 18/86
Change — Characteristic of buoy "1" to Fl G 2.5s — (19/86 CG13) 24/86 — 44°36.2'N 124°06.0'W

18580 15Ed. 10/1/83 LAST NM 24/86
Change — Characteristic of buoy "1" to Fl G 2.5s (Cancels 24/86 - 18580) — (19/86 CG13) 31/86 — 44°36.2'N 124°06.0'W

18580 15Ed. 10/1/83 LAST NM 31/86
Add — Ball topmark to buoy "U" Designation "34" to light — (29/86 CG13; USCG LL) 36/86 — 43°40.0'N 124°14.4'W 43°21.5'N 124°20.6'W

18580 15Ed. 10/1/83 LAST NM 36/86
Add — "DUMP SITE (dredged material) (see note S)" area bound by dashed line joining — (FED REG 8/21/86) 39/86 — 43°23'53"N 124°22'48"W 43°23'42"N 124°23'01"W 43°24'16"N 124°23'26"W 43°24'05"N 124°23'38"W

18580 15Ed. 10/1/83 LAST NM 39/86
Add — Light "7" Fl G 2.5s 3M HORN — (33/86 CG13) 40/86 — 44°01'09"N 124°08'40"W

18580 15Ed. 10/1/83 LAST NM 40/86
Change — Characteristic of buoy "2" to Fl R 4s Buoy "S" to red and white stripes, ball topmark, Mo(A) WHIS — (46/86 CG13) 50/86 — 43°08'12"N 124°27'52"W 44°01'12"N 124°09'36"W

Add — Ball topmark to buoy "K" — 43°22.2'N 124°23.0'W

18580 15Ed. 10/1/83 LAST NM 50/86
Change — Color of buoy to green — (37/86 CG13) 51/86 — 44°01.2'N 124°09.1'W

18580 15Ed. 10/1/83 LAST NM 51/86
Delete — Ball topmark from buoy "Y" — (14/87 CG13) 23/87 — 44°35.8'N 124°06.7'W

18580 15Ed. 10/1/83 LAST NM 23/87
Relocate — Buoy close SW to — (26/87 CG13) 36/87 — 44°01.1'N 124°09.3'W
Light "3A" close SE to — 43°21.5'N 124°20.6'W

18580 15Ed. 10/1/83 LAST NM 36/87
Change — Designation of light "7" to "3" — (43/87 CG13) 49/87 — 44°01.1'N 124°08.7'W

★**18580** 15Ed. 10/1/83 LAST NM 49/87
Delete — Ball topmark from buoy "S" — (19/88 CG13) 24/88 — 44°01.1'N 124°09.6'W

Change — Color of buoy "1" to green — 43°40.2'N 124°13.8'W

★**18581** 12Ed. 9/15/84 — NEW EDITION
Add — Tabulation of controlling depths from back of Section I (Previously published 42/84) — (NOS) 48/84

★**18581** 12Ed. 9/15/84 LAST NM 48/84
Add — Light Fl 10s (Priv maintd) (PA) — (44/84 CG13) 52/84 — 44°35'20"N 124°01'07"W

★**18581** 12Ed. 9/15/84 LAST NM 52/84
Add — Tabulation of controlling depths from back of Section I — (CL1552/84) 5/85

★**18581** 12Ed. 9/15/84 LAST NM 5/85
Change — Light "8" to QR 20ft, Fl R 4s 20ft HORN — (4/85 CG13) 9/85 — 44°37'06.6"N 124°03'34.8"W

Characteristic of light "10" to Fl R 6s — 44°37'34.5"N 124°02'52.3"W

Lights "17" to Fl G 4s 15ft 4M — 44°36'23.8"N 124°00'32.3"W
"19" to Fl G 6s 15ft 4M — 44°35'42.9"N 124°00'49.1"W

★18581	12Ed. 9/15/84 LAST NM 9/85 Add	Tabulation of controlling depths from back of Section I	(CL548/85) 31/85
★18581	12Ed. 9/15/84 LAST NM 31/85 Add	Tabulation of controlling depths from back of Section I	(BP125407-08, 125500; 24/85 CG13) 39/85
★18581	12Ed. 9/15/84 LAST NM 39/85 Add	Tabulation of controlling depths from back of Section I	(CL1239/85) 10/86
★18581	12Ed. 9/15/84 LAST NM 10/86 Change	Color of buoy "Y" to red and white stripes and add ball topmark	(13/86 CG13) 18/86 44°35'52.4"N 124°06'42.3"W
★18581	12Ed. 9/15/84 LAST NM 18/86 Change	Characteristic of lights to Fl Y 4s Fl Y 6s	(17/86 CG13) 21/86 44°37'47.6"N 124°02'58.2"W 44°37'43.0"N 124°02'23.8"W
★18581	12Ed. 9/15/84 LAST NM 21/86 Change	Characteristic of buoy "1" to Fl G 2.5s	(19/86 CG13) 24/86 44°36'14"N 124°05'59"W
★18581	12Ed. 9/15/84 LAST NM 24/86 Add	Tabulation of controlling depths from back of Section I	(CL705/86; BP129230) 38/86
★18581	12Ed. 9/15/84 LAST NM 38/86 Add	Tabulation of controlling depths from back of Section I	(CL976/86; BP129958) 50/86
★18581	12Ed. 9/15/84 LAST NM 50/86 Change	Color of buoy "11" to green	(37/86 CG13) 51/86 44°37'32"N 124°02'19"W
★18581	12Ed. 9/15/84 LAST NM 51/86 Delete	Ball topmark from buoy "Y"	(14/87 CG13) 23/87 44°35'52.5"N 124°06'42.5"W
★18581	12Ed. 9/15/84 LAST NM 23/87 Add	Tabulation of controlling depths from back of Section I	(CL858/87; BP132683) 1/88
★18581	12Ed. 9/15/84 LAST NM 1/88 Add	Tabulation of controlling depths from back of Section I	(CL1073/87; BP133249) 8/88
★18581	12Ed. 9/15/84 LAST NM 8/88 Change	Color of buoys, each to green "7" "9"	(11/88 CG13) 16/88 44°37'05"N 124°03'47"W 44°37'41"N 124°02'52"W
★18581	12Ed. 9/15/84 LAST NM 16/88 Add	Tabulation of controlling depths from back of Section I	(BP134841) 32/88
★18581	12Ed. 9/15/84 LAST NM 32/88 Add	Tabulation of controlling depths from back of Section I	(BP135097, 128) 37/88
★18581	12Ed. 9/15/84 LAST NM 37/88 Add	Tabulation of controlling depths from back of Section I	(CL736/88) 53/88
★18581	12Ed. 9/15/84 LAST NM 53/88 Add	Tabulation of controlling depths from back of Section I	(CL5/89) 6/89
★18583	35Ed. 3/23/85	NEW EDITION	(NOS) 24/85
★18583	35Ed. 3/23/85 LAST NM 24/85 Relocate	Buoy "5" close W to	(24/86 CG13) 36/86 44°01'13.0"N 124°09'12.9"W
★18583	35Ed. 3/23/85 LAST NM 36/86 Add	Light "7" Fl G 2.5s 3M HORN (1 Jun to 1 Oct)	(33/86 CG13) 40/86 44°01'08.9"N 124°08'40.1"W

SECTIONS
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18583	35Ed. 3/23/85 LAST NM 40/86		
	Change	Buoy "S" to red and white stripes, ball topmark, Mo(A) WHIS	(46/86 CG13) 50/86 44°01'09"N 124°09'34"W
★18583	35Ed. 3/23/85 LAST NM 50/86		
	Change	Color of buoy "5" to green (See 36/86-18583)	(37/86 CG13) 51/86 44°01'13"N 124°09'13"W
★18583	35Ed. 3/23/85 LAST NM 51/86		
	Relocate	Buoy "5" close SW to (See 36/86-18583)	(26/87 CG13) 36/87 44°01'07"N 124°09'19"W
★18583	35Ed. 3/23/85 LAST NM 36/87		
	Change	Designation of light "7" to "3" Designation of buoy "5" to "1" (See 36/87-18583)	(43/87 CG13) 49/87 44°01'09"N 124°08'40"W 44°01'07"N 124°09'19"W
18583	35Ed. 3/23/85 LAST NM 49/87		
	Delete	Ball topmark from buoy "S"	(19/88 CG13) 24/88 44°01'09"N 124°09'34"W
★18584	43Ed. 12/8/84	NEW EDITION	
	Relocate	Buoy "6A" close N to (Previously published 6/85)	(NOS) 14/85 43°40'30.8"N 124°11'35.4"W
★18584	43Ed. 12/8/84 LAST NM 14/85		
	Change	Lights "12" to Fl R 4s 22ft 4M "21" to Fl G 2.5s 16ft 4M "26" to Fl R 4s 15ft 3M Characteristic of light "2" to Fl R 4s and visibility (range) to 3M	(22/85 CG13) 26/85 43°42'49"N 124°09'06"W 43°44'55"N 124°07'50"W 43°43'23"N 124°07'31"W 43°41'08"N 124°10'50"W
★18584	43Ed. 12/8/84 LAST NM 26/85		
	Change	Characteristic of buoy "6A" to Fl R 6s (See 14/85-18584)	(31/85 CG13) 35/85 43°40'30.8"N 124°11'35.4"W
★18584	43Ed. 12/8/84 LAST NM 35/85		
	Change	Range lights, front to Oc R 4s 24 ft rear to Oc R 4s 48 ft	(46/85 CG13) 50/85 43°40'06"N 124°12'04"W 43°40'07"N 124°11'52"W
18584	43Ed. 12/8/84 LAST NM 50/85		
	Change	Color of buoy "25" to green	(25, 29/86 CG13) 36/86 43°43'29"N 124°07'29"W
	Add	Ball topmark to buoy "U"	43°39'59"N 124°14'21"W
★18584	43Ed. 12/8/84 LAST NM 36/86		
	Add	Chartlet, depicting changes in hydrography and aids to navigation, from back of Section I	(NOS) 38/86 43°41'N 124°11'W
★18584	43Ed. 12/8/84 LAST NM 38/86		
	Add	Tabulation of controlling depths from back of Section I	(CL705/86; BP129289) 40/86
18584	43Ed. 12/8/84 LAST NM 40/86		
	Change	Lines 2 and 3 of notes to "L.L.W. was 10 feet for a mid-width of 50 feet from the" (See 38/86-18584)	(NOS) 46/86 43°40.9'N 124°10.1'W 43°40.3'N 124°11.0'W
18584	43Ed. 12/8/84 LAST NM 46/86		
	Delete	Bn "2" "4"	(51/86 CG13) 4/87 43°44'11"N 124°07'01"W 43°43'02"N 124°06'31"W
★18584	43Ed. 12/8/84 LAST NM 4/87		
	Add	Range lights, front Q 15ft rear Iso 6s 30ft	(49/86, 12/87 CG13) 23/87 43°43'21.0"N 124°07'32.6"W 43°43'09.3"N 124°07'30.5"W
★18584	43Ed. 12/8/84 LAST NM 23/87		
	Change	Legend to "HORN (May 15 to Oct 31)" at light (See 38/86-18584)	(MCNM7926/87) 1/88 43°41'08"N 124°10'50"W
	Add	Tabulation of controlling depths from back of Section I	

18584	43Ed. 12/8/84 LAST NM 1/88 Add	Tabulation of controlling depths from back of Section I	(CL1073/87; BP133251) 10/88
18584	43Ed. 12/8/84 LAST NM 10/88 Change	Color of buoy "1" to green	(19/88 CG13) 24/88 43°40'03"N 124°13'47"W
★18584	43Ed. 12/8/84 LAST NM 24/88 Change	Notes to "WINCHESTER BAY Controlling depth at MLLW was 12 feet for a width of 100 feet from the channel entrance (43°41'02"N 124°11'13"W) to the end of the project except for shoaling to 6 feet in the Right Outside Quarter near Light "8". May 1988"	(BP134927; CL349/88) 32/88 43°40'25"N 124°11'00"W
		"SALMON HARBOR Controlling depth at MLLW was 9 feet for a mid-width of 50 feet from the channel entrance (43°41'15"N 124°10'51"W) to the end of the project. May 1988" (See 38/86-18584)	43°41'00"N 124°10'00"W
	Add	Tabulation of controlling depths from back of Section I	
★18584	43Ed. 12/8/84 LAST NM 32/88 Add	Tabulation of controlling depths from back of Section I	(CL736/88) 53/88
★18584	43Ed. 12/8/84 LAST NM 53/88 Add	Tabulation of controlling depths from back of Section I	(BP137431, 39) 25/89
★18587	62Ed. 2/14/87 Add	NEW EDITION Light "8" Fl R 2.5s 15ft 3M (Previously published 14/87)	(NOS) 19/87 43°20'52"N 124°19'09"W
★18587	62Ed. 2/14/87 LAST NM 19/87 Change	Color of buoys, each to green "5" "29"	(13/87 CG13) 23/87 43°21'16"N 124°20'01"W 43°25'44"N 124°13'33"W
★18587	62Ed. 2/14/87 LAST NM 23/87 Delete	Buoy "8"	(8/87 CG13) 25/87 43°20'52"N 124°19'08"W
★18587	62Ed. 2/14/87 LAST NM 25/87 Relocate	Light "3A" close SE to	(26/87 CG13) 36/87 43°21'31"N 124°20'36"W
★18587	62Ed. 2/14/87 LAST NM 36/87 Relocate	Range lights, front close NE to rear close NE Note: Range bearing unchanged	(36/87 CG13) 48/87 43°23'17.2"N 124°17'02.8"W 43°23'27.5"N 124°16'49.3"W
★18587	62Ed. 2/14/87 LAST NM 48/87 Relocate	Buoy "5" close NW to	(45/87 CG13) 51/87 43°21'08"N 124°19'01"W
★18587	62Ed. 2/14/87 LAST NM 51/87 Add	Tabulation of controlling depths from back of Section I	(CL858/87; BP132576, 132337, 132780-81, 130978) 1/88
★18587	62Ed. 2/14/87 LAST NM 1/88 Add	Tabulation of controlling depths from back of Section I	(CL1073/87; BP133333, 133125, 133733) 8/88
★18587	62Ed. 2/14/87 LAST NM 8/88 Change	Characteristic of buoys, each to Q "A" "B"	(6/88 CG13) 11/88 43°24'02"N 124°16'55"W 43°24'03"N 124°16'55"W
★18587	62Ed. 2/14/87 LAST NM 11/88 Change	Characteristic of lights, each to Fl 4s "1" "2"	(10/88 CG13) 15/88 43°23'53"N 124°17'02"W 43°23'49"N 124°17'06"W

★18587 62Ed. 2/14/87 LAST NM 15/88
Change Designation of lights (11/88 CG13) 16/88
"1" to "A" 43°23'53"N 124°17'01"W
"2" to "B" 43°23'49"N 124°17'06"W
Add Lights, each Fl 4s 5ft (Priv maintd)
"C" 43°23'51.5"N 124°16'59.5"W
"D" 43°23'53.5"N 124°17'00.0"W

★18587 62Ed. 2/14/87 LAST NM 16/88
Relocate Buoys "5A" close W to (38/88 CG13) 47/88
"11" close NE 43°21'17.1"N 124°19'31.9"W
43°22'40.0"N 124°17'59.7"W
Add Buoy "10A", red, Fl R 4s 43°22'13.8"N 124°18'21.2"W

★18587 62Ed. 2/14/87 LAST NM 47/88
Add Tabulation of controlling depths (CL736/88) 53/88
from back of Section I

★18587 62Ed. 2/14/87 LAST NM 53/88
Add Tabulation of controlling depths (CL5/89) 6/89
from back of Section I

★18587 62Ed. 2/14/87 LAST NM 6/89
Relocate Buoys "5A" (BP136603; 9/89 CG13) 13/89
(43°21'17.1"N 124°19'31.9"W) to
"11" 43°21'17.5"N 124°19'31.3"W
(43°22'40.0"N 124°17'59.7"W)
(See 47/88-18587) 43°22'38.4"N 124°17'58.5"W
Add Tabulation of controlling depths
from back of Section I

★18587 62Ed. 2/14/87 LAST NM 13/89
Add Tabulation of controlling depths (BP136911-12; 137152-53) 20/89
from back of Section I

★18588 34Ed. 12/19/87 NEW EDITION

(NOS) 10/88

★18589 13Ed. 8/14/82 NEW EDITION
(NOS) 44/82

★18589 13Ed. 8/14/82 LAST NM 44/82
Change Color of buoy "1" to green (22/83 CG13) 32/83
42°43'18"N 124°30'35"W
Add Note in lower right margin of chart
"CAUTION
CHANGES IN BUOYAGE
Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."

★18589 13Ed. 8/14/82 LAST NM 32/83
Change Characteristic of buoy "20R" to (48/85 CG13) 1/86
Fl R 4s 42°45'06.6"N 124°39'13.0"W

★18589 13Ed. 8/14/82 LAST NM 1/86
Change Color of buoy "3" to green (21/86 CG13) 36/86
42°44'10"N 124°29'38"W

★18600 11Ed. 9/8/84 NEW EDITION
(NOS) 44/84

18600 11Ed. 9/8/84 LAST NM 44/84
Change Light "3" to Fl G 2.5s 23ft 4M (23/85 CG13) 27/85
HORN (June 1 to Sept 15) 42°25.3'N 124°26.0'W

18600	11Ed. 9/8/84 LAST NM 27/85		
	Change	Characteristic of buoy "20R" to Fl R 4s	(48/85 CG13) 1/86
			42°45.1'N 124°39.2'W
18600	11Ed. 9/8/84 LAST NM 1/86		
	Change	Color of buoy "CR" to red and white stripes and add ball topmark	(18/86 CG13) 23/86
			42°01.7'N 124°17.0'W
★18600	11Ed. 9/8/84 LAST NM 23/86		
	Change	Color of buoys, each to green	(39/86 CG13) 51/86
		"1"	42°24.8'N 124°26.7'W
		"3"	42°02.3'N 124°16.6'W
18600	11Ed. 9/8/84 LAST NM 51/86		
	Delete	R Bn at light	(47/86 CG12) 52/86
			41°44.2'N 124°11.4'W
18600	11Ed. 9/8/84 LAST NM 52/86		
	Add	Buoys, yellow, Fl(4) Y 20s	(51/86 CG12) 4/87
			41°43'16"N 124°12'15"W
			41°40'00"N 124°17'05"W
18600	11Ed. 9/8/84 LAST NM 4/87		
	Delete	Ball topmark from buoy "CR"	(19/87 CG13) 28/87
			42°01.7'N 124°16.9'W
18600	11Ed. 9/8/84 LAST NM 28/87		
	Change	Color of buoy "R" to red and white stripes	(39/87 CG13) 47/87
			42°23.6'N 124°28.5'W
18600	11Ed. 9/8/84 LAST NM 47/87		
	Change	Period of superbuoy "SG" to 6s	(14/88 CG11) 18/88
			41°50.3'N 124°23.7'W
★18600	11Ed. 9/8/84 LAST NM 18/88		
	Add	R Bn 316 ●●●● (PA)	(5/87 CG12; 22/88 CG11) 28/88
			41°44.5'N 124°11.0'W
		Buoys, each yellow and white bands, Fl Y 4s (Priv maintd)	
		"N"	41°34.9'N 124°16.8'W
		"P"	41°34.6'N 124°21.4'W
		"Q"	41°34.2'N 124°26.9'W
		"R"	41°33.3'N 124°31.4'W
		Obstr (covered 27 fathoms) with legend "Subm buoy"	41°33.3'N 124°31.3'W
18600	11Ed. 9/8/84 LAST NM 28/88		
	Change	Characteristic of R Bn to ●●●● (See 28/88-18600)	(39/88 CG11) 43/88
			41°44.5'N 124°11.0'W
18600	11Ed. 9/8/84 LAST NM 43/88		
	Substitute	Buoy "SG", red, F Fl 2s HORN Racon (●●●) for superbuoy	(41/88 CG11) 45/88
			41°50.2'N 124°23.8'W
18600	11Ed. 9/8/84 LAST NM 45/88		
	Delete	Racon from buoy "SG" (See 45/88-18600)	(13/89 CG11) 17/89
			41°50.2'N 124°23.8'W
★18601	11Ed. 12/7/85	NEW EDITION	(NOS) 10/86
18601	11Ed. 12/7/85 LAST NM 10/86		
	Change	Color of buoy "1" to green	(39/86 CG13) 51/86
			42°24'47"N 124°26'36"W
★18601	11Ed. 12/7/85 LAST NM 51/86		
	Change	Color of buoy "R" to red and white stripes	(39/87 CG13) 47/87
			42°23'38"N 124°28'31"W
★18602	9Ed. 7/10/82	NEW EDITION	(NOS) 36/82
★18602	9Ed. 7/10/82 LAST NM 36/82		
	Change	(And Inset Chetco Cove) Color of buoy "CR" to red and white stripes and add ball topmark	(18/86 CG13) 23/86
			42°01'41"N 124°16'57"W
18602	9Ed. 7/10/82 LAST NM 23/86		
	Change	(And Inset Chetco Cove) Color of buoy "3" to green	(39/86 CG13) 51/86
			42°02'23"N 124°16'26"W

★18602	9Ed. 7/10/82 LAST NM 51/86		(19/87 CG13) 28/87
	Delete	(And Inset Chetco Cove) Ball topmark from buoy "CR"	42°01'41"N 124°16'57"W
★18602	9Ed. 7/10/82 LAST NM 28/87		(38/87 CG13) 46/87
	Delete	(Inset Chetco Cove) Bn "9"	42°02'46"N 124°16'09"W
★18602	9Ed. 7/10/82 LAST NM 46/87		(25/88 CG13) 33/88
	Delete	(And Inset Chetco Cove) Position circle "STACK"	42°03'00"N 124°17'17"W
★18602	9Ed. 7/10/82 LAST NM 33/88		(2/89 CG13) 6/89
	Relocate	(And Inset Chetco Cove) Buoy "2" close ESE to	42°02'05.3"N 124°16'31.2"W
★18603	15Ed. 2/13/88	NEW EDITION	(NOS; 14/88 CG14) 19/88
	Change	Period of superbuoy "SG" to 6s	41°50'14"N 124°23'49"W
★18603	15Ed. 2/13/88 LAST NM 19/88		(39/88 CG11) 43/88
	Change	(And Inset) Characteristic of R Bn to ▬•▬•	41°44'29"N 124°11'07"W
★18603	15Ed. 2/13/88 LAST NM 43/88		(41/88 CG11) 45/88
	Substitute	Buoy "SG", red, F Fl 2s HORN Racon (▬•) for superbuoy	41°50'14"N 124°23'49"W
★18603	15Ed. 2/13/88 LAST NM 45/88		(13/89 CG11) 17/89
	Delete	Racon from buoy "SG" (See 45/88-18603)	41°50'14"N 124°23'49"W
★18605	10Ed. 11/5/83	NEW EDITION	(NOS) 2/84
★18605	10Ed. 11/5/83 LAST NM 2/84		(11/87 CG12) 16/87
	Relocate	Buoy "2" close NW to	41°02'38.4"N 124°09'16.4"W
★18620	18Ed. 2/14/87	NEW EDITION	(NOS) 19/87
18620	18Ed. 2/14/87 LAST NM 19/87		(15/87 CG11; NOS) 21/87
	Change	Visibility (range) of light to 5M Shape of superbuoy (LANBY) to buoy	39°25.8'N 123°48.7'W 40°26.5'N 124°30.3'W
★18620	18Ed. 2/14/87 LAST NM 21/87		(13/87 CG12) 22/87
	Relocate	Buoy "46022" (40°45'30"N 124°30'48"W) to	40°44'55"N 124°30'10"W
★18620	18Ed. 2/14/87 LAST NM 22/87		(22/88 CG11) 28/88
	Add	Buoys, each yellow and white bands, Fl Y 4s (Priv maintd) "E" "F" "G" "H" "J" "K" "L" "M"	39°38.8'N 123°49.3'W 39°38.5'N 123°50.5'W 39°37.6'N 123°53.6'W 39°37.1'N 123°59.6'W 40°10.9'N 124°21.4'W 40°47.5'N 124°19.6'W 40°48.6'N 124°23.9'W 40°50.9'N 124°28.4'W
		Obstructions (covered 27 fathoms) with legend "Subm buoy"	40°50.7'N 124°28.7'W 39°36.8'N 123°59.7'W
★18620	18Ed. 2/14/87 LAST NM 28/88		(42/88 CG11) 47/88
	Relocate	Superbuoy ODAS "46022" (40°44.9'N 124°30.2'W) to	40°45.7'N 124°30.3'W
★18620	18Ed. 2/14/87 LAST NM 47/88		(44/88 CG11) 48/88
	Delete	Buoy "18"	38°57.5'N 123°45.7'W
★18622	49Ed. 9/19/87	NEW EDITION	(NOS) 47/87
★18622	49Ed. 9/19/87 LAST NM 47/87		(BP134690) 27/88
	Change	Legend to "26 FEET 1988"	40°45'18"N 124°13'25"W

★18622	49Ed. 9/19/87 LAST NM 27/88		(BP132069, 132387, 134683-93) 28/88
	Add	Tabulation of controlling depths from back of Section I	
★18622	49Ed. 9/19/87 LAST NM 28/88		(25/88 CG11) 32/88
	Change	Color of buoys "9" to green	40°45'26"N 124°13'22"W
		"13" to green	40°43'34"N 124°13'16"W
		"A" to yellow	40°49'03"N 124°10'28"W
★18622	49Ed. 9/19/87 LAST NM 32/88		(BP135216-222) 36/88
	Add	Tabulation of controlling depths from back of Section I	
★18622	49Ed. 9/19/87 LAST NM 36/88		(44/88 CG11) 48/88
	Change	Color of buoy "1" to green	40°44'54"N 124°13'16"W
★18622	49Ed. 9/19/87 LAST NM 48/88		(BP136416, 18, 20, 22) 14/89
	Change	Legend to "31 FEET 1988" (Supersedes 27/88-18622)	40°45'18"N 124°13'25"W
	Add	Tabulation of controlling depths from back of Section I	

SUBPART C

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★18623	9Ed. 12/31/77	NEW EDITION	(NOS) 11/78
★18623 T	9Ed. 12/31/77 LAST NM 11/78 (Temp'y)		(3/79 CG12) 8/79
	Change	Buoy "B" to red, Fl 2½sec HORN	40°26.4'N 124°30.3'W
★18623	9Ed. 12/31/77 LAST NM 8/79		(13/79 CG12) 18/79
	Change	Buoy "B" to red, Fl 2sec HORN R Bn 286 -•••• •—• & — (Supersedes 8/79T-18623)	40°26.4'N 124°30.3'W
★18623	9Ed. 12/31/77 LAST NM 18/79		(37/82 CG12; USCG LL) 48/82
	Change	Characteristic of buoy "B" to F, Fl 2sec	40°26'25"N 124°30'15"W
★18623	9Ed. 12/31/77 LAST NM 48/82		(36/83 CG12) 41/83
	Change	Characteristic of buoy "24" to Fl R 6sec	40°14'54"N 124°22'10"W
18623	9Ed. 12/31/77 LAST NM 41/83		(42/84 CG12) 4/85
	Add	Racon to superbuoy "B"	40°26'25"N 124°30'15"W
★18623	9Ed. 12/31/77 LAST NM 4/85		(8/85 CG12) 12/85
	Delete	R Bn from buoy "B"	40°26'25"N 124°30'15"W
★18623	9Ed. 12/31/77 LAST NM 12/85		(8/86 CG12) 13/86
	Delete	HORN from buoy "B"	40°26'25"N 124°30'15"W
★18626	13Ed. 12/8/84	NEW EDITION	(NOS) 6/85
18626	13Ed. 12/8/84 LAST NM 6/85		(33/86 CG12) 45/86
	Change	Color of buoy to red and white stripes	39°15'56"N 123°47'58"W
★18626	13Ed. 12/8/84 LAST NM 45/86 (And Inset Fort...Anchorage)		(15/87 CG11) 21/87
	Change	Visibility (range) of light to 5M	39°25'41.5"N 123°48'33.0"W
★18626	13Ed. 12/8/84 LAST NM 21/87 (Inset Fort...Anchorage)		(17/88 CG11) 21/88
	Change	Color of buoy "3" to green	39°25'47"N 123°48'57"W
★18628	6Ed. 11/12/83	NEW EDITION	(NOS) 2/84
18628	6Ed. 11/12/83 LAST NM 2/84		(32/84 CG12) 36/84
	Change	Color of buoy "AR" to red and white stripes and add ball topmark	39°13'37"N 123°47'14"W
18628	6Ed. 11/12/83 LAST NM 36/84		(42/84 CG12) 4/85
	Change	Color of buoy to red and white stripes	39°17'52"N 123°48'40"W

★18628 6Ed. 11/12/83 LAST NM 4/85 (33/86 CG12) 45/86
Change Color of buoy to red and white stripes 39°15'57.4"N 123°47'58.3"W

★18640 19Ed. 1/16/88 NEW EDITION (NOS) 13/88

18640 19Ed. 1/16/88 LAST NM 13/88 (14/88 CG11) 18/88
Change Characteristic of superbuoy "SF" to Fl 6s 37°45'00"N 122°41'30"W

18640 19Ed. 1/16/88 LAST NM 18/88 (HNNM7457/85) 20/88
Add Purple dashed lines (recommended route) between 37°57.3'N 123°03.3'W
38°48.5'N 124°35.0'W

between 38°44.1'N 124°35.0'W
37°54.6'N 123°05.3'W

Purple open-outlined dashed arrows indicating flow of traffic oriented
305.2°
305.2°
125.2°
125.2°

38°05.5'N 123°16.8'W
38°30.0'N 124°00.0'W
38°26.0'N 124°04.0'W
38°02.2'N 123°20.2'W

Note
"NOTE 1
US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."

38°11.0'N 122°45.0'W

Legends "See Note I" 38°05.2'N 123°19.0'W
38°26.5'N 124°02.5'W

★18640 19Ed. 1/16/88 LAST NM 20/88 (22/88 CG11) 28/88
Add Buoys, each yellow and white bands, Fl Y 4s (Priv maintd)
"A" 38°38.4'N 123°24.7'W
"B" 38°36.8'N 123°27.0'W
"C" 38°33.6'N 123°30.8'W
"D" 38°29.8'N 123°38.6'W

Obstruction (covered 27 fathoms) with legend "Subm buoy" 38°30.0'N 123°39.0'W

18640 19Ed. 1/16/88 LAST NM 28/88 (26/88 CG11) 32/88
Change Visibility (range) of light to 15M 37°47.6'N 122°30.6'W

18640 19Ed. 1/16/88 LAST NM 32/88 (29/88 CG11) 34/88
Delete Buoys "10A" 37°32.1'N 122°33.1'W
(undesignated) 37°44.3'N 122°36.5'W

18640 19Ed. 1/16/88 LAST NM 34/88 (38/88 CG11) 42/88
Change Color of buoy "NR" to red and green bands (topmost band red) 37°47.7'N 123°10.7'W

18640 19Ed. 1/16/88 LAST NM 42/88 (41/88 CG11) 45/88
Relocate Buoy close NE to 37°34.9'N 122°51.7'W

18640 19Ed. 1/16/88 LAST NM 45/88 (44/88 CG11) 48/88
Delete Buoy "18" 38°57.5'N 123°45.7'W

★18642 2Ed. 1/29/77 NEW EDITION (DMAHC) N12/77

18642 2Ed. 1/29/77 LAST NM 12/77 (CL636/77) N22/77
Substitute Depths 28 fathoms for 20 fathoms 38°00'03"N 123°27'14"W
34 fathoms for 26 fathoms 38°02'48"N 123°29'18"W

18642 2Ed. 1/29/77 LAST NM 22/77 (26/85 CG12) N31/85
Add Depths 18 fathoms 38°01'50"N 123°25'01"W
20 fathoms 38°01'14"N 123°27'01"W
24 fathoms 38°00'15"N 123°25'10"W
24 fathoms 38°00'08"N 123°25'33"W

★18643	13Ed. 10/18/86	NEW EDITION	(NOS) 3/87
★18643	13Ed. 10/18/86 LAST NM 3/87		(6/88 CG11) 10/88
	Add	Obstruction "Subm buoy"	38°18'48"N 123°04'18"W
★18643	13Ed. 10/18/86 LAST NM 10/88		(23/88 CG11) 28/88
		(Inset)	
	Add	Legends "Shoaling Rep (1987)"	38°18'21.0"N 123°03'15.5"W
			38°18'24.5"N 123°03'18.0"W
★18643	13Ed. 10/18/86 LAST NM 28/88		(27/88 CG11) 33/88
	Relocate	Buoy "1" close NW to	38°14'26.7"N 122°59'07.2"W
	Change	Color of buoy to red and white stripes and add ball topmark	38°14'35.5"N 122°59'12.6"W
★18645	20Ed. 2/21/87	NEW EDITION	(NOS; HNNM7457/85) 19/87
	Add	Purple dashed lines (recommended route) between	37°57.3'N 123°03.2'W
			38°05.0'N 123°17.0'W
		between	38°05.0'N 123°24.1'W
			37°54.6'N 123°05.3'W
		Purple open-outlined dashed arrows indicating flow of traffic oriented	
		305.2°	38°01.6'N 123°10.0'W
		125.2°	38°02.2'N 123°20.0'W
		125.2°	37°56.5'N 123°10.0'W
		Note	
		"NOTE 1	
		US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."	38°01.0'N 122°26.5'W
		Legends "See Note 1"	38°00.9'N 123°10.0'W
			38°02.8'N 123°20.0'W
18645	20Ed. 2/21/87 LAST NM 19/87		(21/87 CG11) 29/87
	Change	Color of buoy "1" to green	37°58'58"N 122°57'17"W
18645	20Ed. 2/21/87 LAST NM 29/87		(26/87 CG11) 34/87
	Add	Buoys, white and orange bands	37°42'23"N 122°34'57"W
			37°42'27"N 122°34'57"W
		Depth 18 feet Obstr enclosed by danger circle	37°42'25"N 122°34'57"W
★18645	20Ed. 2/21/87 LAST NM 34/87		(28/87 CG11) 36/87
	Change	Designation of buoy "A" to "S" and color to yellow	37°39.2'N 122°39.7'W
★18645	20Ed. 2/21/87 LAST NM 36/87		(33/87 CG11) 41/87
	Add	Buoy, yellow, Fl(5) Y 20s	37°34.0'N 122°53.1'W
18645	20Ed. 2/21/87 LAST NM 41/87		(NOS) 2/88
	Change	Loran-C rate 9940-W time difference number to 15965	37°49.6'N 123°01.1'W
18645	20Ed. 2/21/87 LAST NM 2/88		(14/88 CG14) 18/88
	Change	Characteristic of superbuoy "SF" to Fl 6s	37°45.0'N 122°41.5'W
★18645	20Ed. 2/21/87 LAST NM 18/88		(BP134598-99) 24/88
	Change	Note H controlling depths to	
		"Surveys to Feb 1988	
		Left outside quarter.....50.1	
		Left inside quarter.....53.4	
		Right inside quarter.....53.0	
		Right outside quarter...53.0"	37°42'30"N 122°27'00"W
18645	20Ed. 2/21/87 LAST NM 24/88		(22/88 CG11) 28/88
	Add	Obstruction (covered 23 fathoms) with legend "Subm buoy"	37°38'42"N 122°42'16"W
		Obstruction (covered 47 fathoms) with legend "Subm buoy"	37°28'14"N 122°47'02"W

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★18645	20Ed. 2/21/87 LAST NM 28/88			
	Change	Visibility (range) of light to 15M		(25, 26/88 CG11) 32/88
	Add	Obstructions (covered 8 fathoms 2 feet) with legend "Subm buoy"		37°47'33"N 122°30'32"W
		(Supersedes 28/88-18645)		37°38'42"N 122°42'16"W 37°28'14"N 122°47'02"W
★18645	20Ed. 2/21/87 LAST NM 32/88			
	Delete	Buoys "2M"		(29/88 CG11) 34/88
		"10A"		37°44'19"N 122°36'32"W 37°32'12"N 122°33'00"W
★18645	20Ed. 2/21/87 LAST NM 34/88			
	Change	Color of buoy "NR" to red and green bands (topmost band red)		(38/88 CG11) 42/88
				37°47.7'N 123°10.7'W
18645	20Ed. 2/21/87 LAST NM 42/88			
	Change	Period of light to 6s		(39/88 CG11) 43/88 37°29.7'N 122°29.1'W
★18645	20Ed. 2/21/87 LAST NM 43/88			
	Relocate	Buoy close NE to		(41/88 CG11) 45/88 37°34.9'N 122°51.7'W
★18645	20Ed. 2/21/87 LAST NM 45/88			
	Substitute	Depth 16 fathoms for 6 fathoms		(CL6/89) 7/89 37°45'18"N 122°40'47"W

★18647	12Ed. 1/19/85	NEW EDITION		(NOS) 16/85
18647	12Ed. 1/19/85 LAST NM 16/85			
	Relocate	Buoy (mooring) "CGDB" close W to		(17/85 CG12) 21/85 38°00'02.1"N 122°58'25.7"W
18647	12Ed. 1/19/85 LAST NM 21/85			
	Change	Color of buoy "1DR" to green		(21/85 CG12) 46/86 37°51'37"N 122°41'40"W
★18647	12Ed. 1/19/85 LAST NM 46/86			
	Change	Color of buoy "1" to green		(20/87 CG11) 29/87 37°58'58"N 122°57'17"W

★18648	4Ed. 7/7/84	NEW EDITION		(NOS) N37/84
18648	4Ed. 7/7/84 LAST NM 37/84			
	Add	Depth 54 feet Obstr "Rep (1985)" (PA)		(31/85 CG12) N35/85 37°58.8'N 123°03.5'W
18648	4Ed. 7/7/84 LAST NM 35/85			
	Delete	Depth 54 feet Obstr "Rep (1985)" (PA) (Supersedes N35/85-18648)		(CL107/86) N12/86 37°58.8'N 123°03.5'W

★18649	52Ed. 10/18/86	NEW EDITION		
	Add	Dangerous wreck (PA) (Previously published 51/86)		(NOS: 52/86, 2/87 CG12) 7/87 37°49'01.8"N 122°24'06.0"W
	Change	Line 3 of fog signals note to "Horns on piers A, B, D, E, G and H" (Previously published 5/87)		37°52'40"N 122°15'25"W
	Relocate	Buoys, "2" close SE to		37°55'06.6"N 122°24'59.6"W
		"4" close SE		37°54'58.7"N 122°25'16.5"W
	Substitute	Depth 51 feet for 5 feet		37°43'06"N 122°34'27"W
		Legend "S" for depth 9 feet		37°57'02"N 122°26'01"W
18649	52Ed. 10/18/86 LAST NM 7/87			
	Delete	Light and HORN		(NOS) 10/87
		Visibility (range) 3M from light "OUTFALL"		37°54'29"N 122°23'28"W
				37°56'53"N 122°27'36"W
	Relocate	Buoys		
		"1" (37°54'16"N 122°25'19"W) to		37°53'58.9"N 122°25'16.9"W
		"2" (37°54'18"N 122°25'10"W)		37°54'00.0"N 122°25'07.0"W
	Change	Designation of buoys "8" to "10"		37°54'17"N 122°26'06"W
		"1" to "12"		37°54'49"N 122°26'40"W
		Color of buoy to red and green bands (topmost band red)		
		Characteristic of light to FG		37°48'41"N 122°32'21"W 37°54'26"N 122°22'53"W

(continued on next page)

18649	(Continued)		10/87
	Add	Light FG 23ft (Priv maintd)	37°54′30″N 122°23′27″W
★18649	52Ed. 10/18/86 LAST NM 10/87		(46/86 CG12; NOS; BP131235-131242) 15/87
	Delete	Buoy "6A"	37°52′00″N 122°29′16″W
	Add	Bns, each red (Priv maintd) (PA)	
		"10"	37°52′07″N 122°29′34″W
		"12"	37°52′01″N 122°29′19″W
		Chartlets, depicting changes in hydrography, topography and aids to navigation, from back of Section I	
		(A)	37°55′00″N 122°25′00″W
		(B)	37°46′00″N 122°22′00″W
		Tabulation of controlling depths from back of Section I	
18649	52Ed. 10/18/86 LAST NM 15/87		(4/87 CG12) 16/87
	Add	Designation "A" to buoy	37°48′06″N 122°20′18″W
18649	52Ed. 10/18/86 LAST NM 16/87		(BP131513-20) 19/87
	Add	Tabulation of controlling depths from back of Section I	
★18649	52Ed. 10/18/86 LAST NM 19/87		(BP131234) 21/87
	Add	Tabulation of controlling depths from back of Section I	
18649	52Ed. 10/18/86 LAST NM 21/87		(12/87 CG12) 23/87
	Change	Color of buoy to red and black bands (topmost band red)	37°48′00.8″N 122°22′22.7″W
	Add	Lights	
		"2" Fl R 4s 20ft 3M (PA)	37°46′03″N 122°18′26″W
		"3" Fl G 4s 29ft 3M (PA)	37°46′07″N 122°18′35″W
		"4" Fl R 6s 20ft 3M (PA)	37°46′06″N 122°18′26″W
18649	52Ed. 10/18/86 LAST NM 23/87		(15/87 CG12; FED REG 4/10/87) 24/87
	Delete	Legend "GEN...(see note A)"	37°52.6′N 122°27.8′W
	Change	Color of buoy to green and red bands (topmost band green)	37°47′47.0″N 122°22′50.0″W
★18649	52Ed. 10/18/86 LAST NM 24/87		(23/87 CG11) 29/87
	Change	Color of buoy "15" to green (See 15/87-18649)	37°56′15″N 122°26′44″W
18649	52Ed. 10/18/86 LAST NM 29/87		(CL493/87) 33/87
	Delete	Purple dashed line between	37°48′04″N 122°23′40″W
			37°48′45″N 122°22′15″W
	Add	Purple dashed line between	37°48′05.0″N 122°23′40.5″W
			37°49′02.0″N 122°22′18.0″W
★18649	52Ed. 10/18/86 LAST NM 33/87		(26/87 CG11) 34/87
	Add	Buoys, white and orange bands	37°42′22.8″N 122°34′57.6″W
			37°42′26.8″N 122°34′57.6″W
		Depth 18 feet Obstr enclosed by danger circle	37°42′24.8″N 122°34′57.6″W
★18649	52Ed. 10/18/86 LAST NM 34/87		(BP132244-51) 35/87
	Add	Tabulation of controlling depths from back of Section I	
18649	52Ed. 10/18/86 LAST NM 35/87		(29/87 CG11; NOS) 37/87
	Substitute	Depths 38 feet for 42 feet	37°56′03″N 122°26′23″W
		32 feet for 34 feet	37°54′02″N 122°26′04″W
		32 feet for 34 feet	37°54′13″N 122°25′22″W
		40 feet for 52 feet	37°54′02″N 122°26′21″W
		(See 15/87-18649)	
	Change	Color of buoy "1" to green (See 15/87-18649)	37°46′09″N 122°21′45″W
18649	52Ed. 10/18/86 LAST NM 37/87		(39/87 CG11) 44/87
	Relocate	Buoy "1" close NE to	37°44′48″N 122°22′06″W

★18649	52Ed. 10/18/86 LAST NM 44/87		
	Add	Dangerous wreck (PA) marked by buoy, yellow, QY (See 15/87-18649)	(40/87 CG11) 46/87 37°56'12"N 122°26'12"W
18649	52Ed. 10/18/86 LAST NM 46/87		
	Add	Buoy (mooring) (Navy maintd)	(MCNM8069/88) 11/88 37°43'03"N 122°19'46"W
18649	52Ed. 10/18/86 LAST NM 11/88		
	Add	Buoys "2", red, Fl R 2s (Priv maintd) "4", red, Fl R 2s (Priv maintd) (See 15/87-18649)	(9/88 CG11) 13/88 37°45'30"N 122°22'03"W 37°44'16"N 122°21'35"W
18649	52Ed. 10/18/86 LAST NM 13/88		
	Add	Buoys "3", green, Fl G 2.5s "4", red, Fl R 4s (undesignated), yellow (Navy maintd) (undesignated), yellow (Navy maintd)	(10/88 CG11) 14/88 37°48'44"N 122°21'05"W 37°49'21"N 122°21'08"W 37°49'17"N 122°21'25"W 37°49'17"N 122°21'37"W
★18649	52Ed. 10/18/86 LAST NM 14/88		
	Delete	Range lights in vicinity	(14/88 CG11) 18/88 37°44'27"N 122°22'04"W
	Change	Characteristic of superbuoy "SF" to Fl 6s	37°45'00"N 122°41'30"W
	Add	Range lights, front FY 52ft (Priv maintd) rear FY 68ft (Priv maintd) front FY 52ft (Priv maintd) rear FY 68ft (Priv maintd)	37°44'38"N 122°22'26"W 37°44'32"N 122°22'29"W 37°44'32"N 122°22'11"W 37°44'40"N 122°22'33"W
18649	52Ed. 10/18/86 LAST NM 18/88		
	Change	Color of buoy "1B" to green	(16/88 CG11) 19/88 37°48'19"N 122°20'55"W
★18649	52Ed. 10/18/86 LAST NM 19/88		
	Change	Color of buoy "1" to green	(17/88 CG11) 21/88 37°52'14"N 122°27'13"W
★18649	52Ed. 10/18/86 LAST NM 21/88		
	Add	Tabulations (2) of controlling depths from back of Section I	(BP134584, 86-97) 25/88
★18649	52Ed. 10/18/86 LAST NM 25/88		
	Add	Tabulation of controlling depths from back of Section I	(BP134598-99) 27/88
18649	52Ed. 10/18/86 LAST NM 27/88		
	Delete	Purple solid line between	(FED REG 6/6/88) 29/88 37°48'41"N 122°22'38"W 37°48'52"N 122°22'12"W
	Add	Purple solid line between	37°48'41"N 122°22'38"W 37°49'00"N 122°22'16"W
★18649	52Ed. 10/18/86 LAST NM 29/88		
	Change	Visibility (range) of light to 15M	(26/88 CG11) 32/88 37°47'34"N 122°30'34"W
★18649	52Ed. 10/18/86 LAST NM 32/88		
	Change	Color of buoys, each to green "7" "3" "3" "1" (See 15/87-18649)	(27/88 CG11) 33/88 37°48'58"N 122°19'14"W 37°48'50"N 122°19'57"W 37°51'39"N 122°27'23"W 37°55'47"N 122°25'39"W
		Color of buoy to red and green bands (topmost band red)	37°48'01"N 122°22'23"W
★18649	52Ed. 10/18/86 LAST NM 33/88		
	Delete	Buoy "2M"	(28, 29/88 CG11) 34/88 37°44'19"N 122°36'32"W
	Relocate	Buoy "3" (37°48'50"N 122°19'57"W) to	37°48'46"N 122°20'00"W
	Change	Designation of lights "1" to "5" "2" to "6" "4" to "8"	37°48'01"N 122°19'50"W 37°47'52"N 122°19'53"W 37°47'28"N 122°18'05"W

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★18649	(Continued)		34/88
	Add	Buoys "2", red, Fl R 2.5s	37°48'07"N 122°21'08"W
		"4", red, Fl R 4s	37°48'04"N 122°20'39"W
		Chartlet, depicting changes in hydrography and aids to navigation, from back of Section I	37°45'50"N 122°21'40"W
18649	52Ed. 10/18/86 LAST NM 34/88		(BP135104-109) 35/88
	Add	Tabulation of controlling depths from back of Section I	
★18649	52Ed. 10/18/86 LAST NM 35/88		(BP135112-117) 37/88
	Add	Tabulation of controlling depths from back of Section I	
★18649	52Ed. 10/18/86 LAST NM 37/88		(BP135453-58) 43/88
	Add	Tabulation of controlling depths from back of Section I	
★18649	52Ed. 10/18/86 LAST NM 43/88		(FED REG 9/27/88) 44/88
	Delete	Solid purple line between	37°54'49"N 122°26'39"W
			37°53'23"N 122°25'09"W
	Add	Solid purple line joining	37°54'49"N 122°26'39"W
			37°54'03"N 122°26'06"W
			37°53'25"N 122°25'30"W
			37°53'23"N 122°25'09"W
		(See 15/87-18649)	
18649	52Ed. 10/18/86 LAST NM 44/88		(41/88 CG11) 45/88
	Relocate	Buoy "1" (37°44'48"N 122°22'06"W) to and delete legend "Priv maintd"	37°44'40"N 122°22'06"W
		(See 34/88-18649)	
18649	52Ed. 10/18/86 LAST NM 45/88		(42, 43/88 CG11) 47/88
	Delete	Buoy "4"	37°44'16"N 122°21'35"W
		(See 34/88-18649)	
	Change	Color of buoy "1" to green	37°48'14"N 122°21'21"W
	Add	Buoy "5", green, Fl G 6s (Priv maintd)	37°44'22.5"N 122°21'31.7"W
		(See 34/88-18649)	
★18649	52Ed. 10/18/86 LAST NM 47/88		(44/88 CG11) 48/88
	Change	Color of buoy "1" to green	37°53'59"N 122°25'18"W
		(See 15/87-18649)	
18649	52Ed. 10/18/86 LAST NM 48/88		(NOS) 51/88
	Delete	Depths 42 feet	37°48'02"N 122°21'50"W
		55 feet	37°47'51"N 122°21'12"W
	Add	Depths 50 feet	37°47'53"N 122°22'09"W
		41 feet	37°48'02"N 122°21'53"W
★18649	52Ed. 10/18/86 LAST NM 51/88		(48/88 CG11) 52/88
	Delete	Purple dashed line joining	37°51'39"N 122°23'44"W
			37°51'54"N 122°23'44"W
			37°54'49"N 122°26'40"W
	Relocate	Buoys "4" close S to	37°50'49.6"N 122°23'43.3"W
		"6" close S	37°51'39.4"N 122°23'43.3"W
		"8" close S	37°52'49.0"N 122°24'54.0"W
		"10" close S	37°54'03.0"N 122°26'06.0"W
	Add	Purple dashed line joining	37°51'39"N 122°23'43"W
			37°54'03"N 122°26'06"W
			37°54'49"N 122°26'39"W
		(See 15/87-18649)	
18649	52Ed. 10/18/86 LAST NM 52/88		(49/88 CG11) 53/88
	Relocate	Buoy "1B" close W to	37°48'18.7"N 122°20'57.4"W
★18649	52Ed. 10/18/86 LAST NM 53/88		(BP136129-30; 135104; 135453) 3/89
	Add	Tabulation of controlling depths from back of Section I	

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★18649	52Ed. 10/18/86 LAST NM 3/89		
	Add	Buoy, yellow can (Priv maintd) (See 15/87-18649)	(2/89 CG11) 6/89 37°54'47"N 122°25'06"W
★18649	52Ed. 10/18/86 LAST NM 6/89		
	Add	Tabulation of controlling depths from back of Section I	(BP136117-120) 8/89
18649	52Ed. 10/18/86 LAST NM 8/89		
	Change	Color of buoy to red and green bands (topmost band red)	(5, 6/89 CG11) 10/89 37°48'06"N 122°22'30"W
		Characteristic of range lights front to Iso Y rear to Oc Y (See 34/88-18649)	37°44'32"N 122°22'11"W 37°44'39"N 122°22'33"W
★18649	52Ed. 10/18/86 LAST NM 10/89		
	Relocate	Range lights, front close SE to rear close SE	(13/89 CG11) 17/89 37°54'09"N 122°21'36"W 37°54'07"N 122°21'23"W
18649	52Ed. 10/18/86 LAST NM 17/89		
	Delete	Position circle "Gas Tank"	(16/89 CG11) 19/89 37°45'17"N 122°23'33"W
	Add	Stranded wreck (See 34/88-18649)	37°45'14"N 122°22'48"W
18649	52Ed. 10/18/86 LAST NM 19/89		
	Substitute	Depth 29 feet for 32 feet	(BP137147-48) 23/89 37°48'19"N 122°19'50"W
	Change	Legend to "31 FT NOV 1988"	37°48'13"N 122°19'40"W
★18649	52Ed. 10/18/86 LAST NM 23/89		
	Delete	Buoy (See 15/87, 6/89-18649)	(21/89 CG11) 24/89 37°54'47"N 122°25'06"W

★18650	41Ed. 2/25/89	NEW EDITION	(NOS) 18/89
★18650	41Ed. 2/25/89 LAST NM 18/89		
	Delete	Position circle "GAS TANK"	(15, 16/89 CG11) 19/89 37°45'17"N 122°23'37"W
	Add	Lights Iso Y 10s 13ft	37°46'44.5"N 122°14'51.9"W 37°46'52.2"N 122°15'05.3"W
		Stranded wreck	37°45'13.4"N 122°22'52.0"W
18650	41Ed. 2/25/89 LAST NM 19/89		
	Change	Color of buoy to red and green bands (topmost band red)	(NOS) 20/89 37°48'06"N 122°22'33"W
		Characteristic of range lights, front to Iso Y rear to Oc Y	37°44'32"N 122°22'15"W 37°44'40"N 122°22'36"W
★18650	41Ed. 2/25/89 LAST NM 20/89		
	Substitute	Depth 29 feet for 32 feet	(BP137147-48) 23/89 37°48'18"N 122°19'53"W
	Change	Legend to "31 FEET NOV 1988"	37°48'13"N 122°20'00"W
★18651	36Ed. 2/4/89	NEW EDITION	
	Delete	Buoys "1" "2" "3"	(NOS; 8/89 CG11) 15/89 37°41'24"N 122°17'04"W 37°40'00"N 122°16'24"W 37°40'35"N 122°14'17"W

★18652	26Ed. 12/3/88	NEW EDITION	
	Delete	(Page A) Buoys "1" "2" "3"	(NOS; MCNM8186/88; 16/89 CG11) 19/89 37°41'24"N 122°17'04"W 37°40'00"N 122°16'24"W 37°40'35"N 122°14'17"W
		Position circle "GAS TANK"	37°45'17"N 122°23'37"W
	Add	Stranded wreck	37°45'13"N 122°22'52"W

(continued on next page)

★18652	(Continued)		19/89
		(Page B, Inset 2)	
	Change	Legend to "21 FT FOR WIDTH OF 300 FT AUG 1988"	37°32′00″N 122°11′34″W
		(Page B, Inset 5)	
	Relocate	Range lights, front close SE to rear close SE	37°54′09″N 122°21′40″W 37°54′07″N 122°21′27″W
	Change	Richmond Harbor Channel depth note to "Controlling depths for project widths in feet at M.L.L.W. Surveys of 2, 5, 10-88 Entrance Channel 31.6 Turning Basin 31.0 Point Potrero Reach 25.0 Point Potrero Turn 28.8 Harbor Channel 23.7 Santa Fe Channel 30.3 Turning Basin 24.6"	
	Add	Buoy, yellow can (Priv maintd)	37°55′40″N 122°19′14″W 37°54′47″N 122°25′10″W
		(Page C)	
	Delete	Legend "Shl rep 1988"	38°02′05″N 122°09′47″W
	Change	Color of buoy "25" to green	38°02′00″N 122°09′43″W
	Add	Racons, each (Priv maintd) to bridge (-•) (-•-•)	38°03′47″N 122°13′32″W 38°03′33″N 122°13′33″W
		(Page D, Inset 4)	
	Add	Lights, each Iso Y 10s 13ft	37°46′44.5″N 122°14′51.9″W 37°46′52.2″N 122°15′05.3″W
		(Page D, Inset 7)	
	Change	Note MARE ISLAND STRAIT to "Controlling depths for the middle half of the project channels, in feet, at Mean Lower Low Water. Lesser depths may exist outside the middle half. 4-86, 10-88 A-18.2 E-24.3 B-34.1 F-23.1 C-29.4 G-20.3" D-21.6	38°06′30″N 122°15′04″W
18652	26Ed. 12/3/88 LAST NM 19/89		(NOS) 21/89
		(Page C)	
	Change	Legend "110.226" to "110.224"	38°02′16″N 122°08′34″W 38°02′20″N 122°09′20″W
	Add	Danger circle "Obstr"	38°03′35″N 122°14′23″W
		(Pages C & D, Inset 7)	
	Add	Legend "Ruins"	38°04′12″N 122°14′40″W
		(Page E)	
	Change	Characteristic of buoy "14" to QR	38°03′54″N 122°03′12″W
18652	26Ed. 12/3/88 LAST NM 21/89		(BP137147-48) 23/89
		(Page A)	
	Change	Legend to "31 FT"	37°48′15″N 122°19′50″W
		(Page B, Inset 5)	
	Substitute	Depth 29 feet for 32 feet	37°48′18″N 122°19′53″W
	Change	Legend to "31 FT NOV 1988"	37°48′13″N 122°20′00″W
18652	26Ed. 12/3/88 LAST NM 23/89		(21/89 CG11) 24/89
		(Page B, Inset 5)	
	Delete	Buoy (See 19/89-18652)	37°54′47″N 122°25′10″W
★18653	1Ed. 12/3/88	NEW CHART	(NOS) 24/89

★18654	34Ed. 7/30/88	NEW EDITION	(NOS) 47/88
18654	34Ed. 7/30/88 LAST NM 47/88		
	Add	Racons, each (Priv maintd) to bridge	(5/89 CG11) 10/89
		(–•)	38°03'46.7"N 122°13'31.9"W
		(–•–•)	38°03'32.7"N 122°13'32.9"W
★18654	34Ed. 7/30/88 LAST NM 10/89		
	Add	Tabulation of controlling depths from back of Section I	(BP136407-09) 11/89

★18655	53Ed. 9/10/88	NEW EDITION	(NOS) 50/88
18655	53Ed. 9/10/88 LAST NM 50/88		
	Add	Racons, each (Priv maintd) to bridge	(5/89 CG11) 10/89
		(–•)	38°03'46.7"N 122°13'31.9"W
		(–•–•)	38°03'32.7"N 122°13'32.9"W
18655	53Ed. 9/10/88 LAST NM 10/89		
	Add	Tabulation of controlling depths from back of Section I	(BP136407-09) 11/89

★18656	47Ed. 3/7/87	NEW EDITION	(NOS) 21/87
18656	47Ed. 3/7/87 LAST NM 21/87		
	Delete	Bn "1"	(16/87 CG11) 22/87
			38°03'56"N 122°01'32"W
18656	47Ed. 3/7/87 LAST NM 22/87		
	Delete	Legend (PA)	(NOS) 24/87
			38°02'55"N 122°05'18"W
	Add	Legend (PA) to lights "30" (undesignated)	38°02'36"N 121°53'17"W
			38°03'56"N 122°03'30"W
★18656	47Ed. 3/7/87 LAST NM 24/87		
	Add	Tabulation of controlling depths from back of Section I	(BP131488-94, 131799-800) 29/87
18656	47Ed. 3/7/87 LAST NM 29/87		
	Substitute	Depth 20 feet for 33 feet	(CL509/87) 40/87
			38°04'08"N 122°15'07"W
	Add	Legend "Subm ruins" (PA)	38°04'11"N 122°14'38"W
★18656	47Ed. 3/7/87 LAST NM 40/87		
	Delete	Light "24"	(39/87 CG11; BP132655-63) 44/87
			38°03'28"N 121°58'01"W
	Add	Buoy "24", red, Fl R 2.5s	38°03'29"N 121°58'00"W
		Tabulation of controlling depths from back of Section I	
★18656	47Ed. 3/7/87 LAST NM 44/87		
	Delete	Buoy "25"	(51/87 CG11) 4/88
		Legend "Range"	38°03'34"N 121°57'58"W
		Range line in vicinity	38°03'42"N 122°03'52"W
			38°03'36"N 121°58'10"W
	Relocate	Buoy "17" close E to	38°03'44"N 122°01'09"W
		and change characteristic to Fl G 2.5s	
		"19" close NE	38°03'38"N 122°00'00"W
		and change characteristic to QG	
		"7" close NE	38°02'54"N 122°05'54"W
		"9" close E	38°03'14"N 122°04'50"W
		"12" close W	38°03'47"N 122°03'38"W
		"15" close E	38°04'00"N 122°02'32"W
		"20" close W	38°03'34"N 121°59'27"W
		"24" close SE	38°03'27"N 121°57'42"W
		(See 44/87-18656)	
	Change	Characteristic of lights to QY	38°03'56"N 122°03'30"W
			38°03'59"N 122°03'24"W
			38°03'38"N 121°58'19"W
			38°03'43"N 121°58'37"W
		Characteristic of light "13" to QG	38°04'00"N 122°03'10"W
		Characteristic of buoys, each to QR	
		"14"	38°03'54"N 122°03'08"W
		"22"	38°03'33"N 121°58'42"W

(continued on next page)

			4/88
★18656	(Continued) Add	Buoys "16A", red, Fl R 6s	38°03'48"N 122°01'52"W
		"23", green, Fl G 2.5s	38°03'31"N 121°57'41"W
		"24A", red, Fl R 4s	38°03'19"N 121°57'12"W
★18656	47Ed. 3/7/87 LAST NM 4/88 Add	Tabulation of controlling depths from back of Section I	(BP133469-76, 133517) 12/88
18656	47Ed. 3/7/87 LAST NM 12/88 Add	Danger circle "Obstr (50ft rep)"	(15/88 CG11) 19/88 38°03'34"N 122°14'19"W
18656	47Ed. 3/7/87 LAST NM 19/88 Change	Color of buoy "3" to green	(17/88 CG11) 21/88 38°02'19"N 122°07'18"W
18656	47Ed. 3/7/87 LAST NM 21/88 Relocate	Buoy "25" close SE to	(19/88 CG11) 23/88 38°02'00"N 122°09'39"W
18656	47Ed. 3/7/87 LAST NM 23/88 Delete	Depth 2 feet	(NOS) 27/88 38°03'41"N 121°57'58"W
★18656	47Ed. 3/7/87 LAST NM 27/88 Change	Color of buoy "17" to green (See 4/88-18656)	(23/88 CG11) 28/88 38°03'44"N 122°01'09"W
	Add	Legend "Shoaling Rep (1988)"	38°02'07"N 122°09'39"W
18656	47Ed. 3/7/87 LAST NM 28/88 Delete	Legend "GEN ANCH AREA NO. 25 110.224 (see note A)"	(FED REG 5/13/88) 29/88 38°01'45"N 122°10'40"W
		Purple solid lines between	38°01'19"N 122°08'42"W 38°01'47"N 122°08'57"W
		between	38°01'47"N 122°08'57"W 38°02'09"N 122°10'21"W
	Add	Purple solid lines joining	38°02'37"N 122°09'59"W 38°02'07"N 122°09'47"W 38°01'54"N 122°09'00"W 38°01'57"N 122°08'19"W 38°02'33"N 122°08'19"W
		between	38°02'34"N 122°09'00"W 38°01'54"N 122°09'00"W
		Legends "ANCHORAGE AREA NO. 22 110.224 (see note A)"	32°02'10"N 122°09'30"W
		"GEN ANCH AREA NO. 23 110.224 (see note A)"	32°02'08"N 122°08'40"W
★18656	47Ed. 3/7/87 LAST NM 29/88 Delete	Range lights, front rear	(32/88 CG11; BP135033-40) 37/88 38°03'56"N 122°03'30"W 38°03'59"N 122°03'24"W
	Add	Range lights, front Q 18ft rear Iso 6s 30ft	 38°03'55.4"N 122°03'27.7"W 38°04'00.9"N 122°03'17.3"W
	Add	Tabulation of controlling depths from back of Section I	
18656	47Ed. 3/7/87 LAST NM 37/88 Change	Color of buoy "NY" to green and red bands (topmost band green)	(47/88 CG11) 51/88 38°02'40"N 121°53'05"W
18656	47Ed. 3/7/87 LAST NM 51/88 Change	Color of buoy "25" to green (See 23/88-18656)	(50/88 CG11) 1/89 38°02'00"N 122°09'39"W
18656	47Ed. 3/7/87 LAST NM 1/89 Add	Racons, each (Priv maintd) to bridge (-•) (-•-•)	(5/89 CG11) 10/89 38°03'47"N 122°13'28"W 38°03'33"N 122°13'29"W
★18657	13Ed. 12/3/88 Change	NEW EDITION Color of buoy "25" to green	(NOS; 50/88 CG11) 7/89 38°01'59"N 122°09'42"W

★18657	13Ed. 12/3/88 LAST NM 7/89		
	Relocate	Light close SE to	(19/89 CG11) 24/89 38°02'23.5"N 122°08'18.0"W
★18658	24Ed. 2/27/88	NEW EDITION	(NOS) 20/88
18658	24Ed. 2/27/88 LAST NM 20/88		
	Change	Color of buoy "17" to green	(23/88 CG11) 28/88 38°03'44"N 122°01'15"W
18658	24Ed. 2/27/88 LAST NM 28/88		
	Delete	Range lights and range line in vicinity	(32/88 CG11; BP135035-40) 37/88 38°03'57"N 122°03'31"W
	Add	Range lights, front Q 18ft rear Iso 6s 30ft	38°03'55.1"N 122°03'31.5"W 38°04'00.6"N 122°03'21.1"W
		Range line extending in 236° direction from above rear light dashed for 1000 yards, thence solid for 600 yards	
	Add	Tabulation of controlling depths from back of Section I	
18658	24Ed. 2/27/88 LAST NM 37/88		
	Change	Characteristic of buoy "22" to QR	(USCG LL) 40/88 38°03'32.5"N 121°58'46.0"W
★18658	24Ed. 2/27/88 LAST NM 40/88		
	Relocate	Buoy "17" close E to	(NOS) 44/88 38°03'44.2"N 122°01'13.2"W
★18659	9Ed. 9/13/86	NEW EDITION	(NOS) 48/86
★18659	9Ed. 9/13/86 LAST NM 48/86		
	Relocate	Lights "34" close SW to (PA) "2" close SE (PA)	(50/86 CG12) 4/87 38°03'30"N 121°51'59"W 38°02'29"N 121°53'04"W
★18659	9Ed. 9/13/86 LAST NM 4/87		
	Add	Danger circle "Obstr" marked by buoy, green, QG	(1/87 CG12) 7/87 38°03'53.1"N 121°51'01.2"W
18659	9Ed. 9/13/86 LAST NM 7/87		
	Add	Legend (PA) to light "30"	(NOS) 24/87 38°02'36.3"N 121°53'17.0"W
★18659	9Ed. 9/13/86 LAST NM 24/87		
	Add	Chartlets, depicting changes in hydrography, from back of Section I	(NOS) 52/87
		(A)	38°02'20"N 121°52'50"W
		(B)	38°02'00"N 121°51'50"W
		(C)	38°01'45"N 121°50'30"W
18659	9Ed. 9/13/86 LAST NM 52/87		
	Add	Tabulation of controlling depths from back of Section I	(BP127429-31, 133517) 12/88
★18659	9Ed. 9/13/86 LAST NM 12/88		
	Add	Tabulation of controlling depths from back of Section I	(BP134737-39) 27/88
★18659	9Ed. 9/13/86 LAST NM 27/88		
	Change	Color of buoy "NY" to green and red bands (topmost band green) (See 52/87-18659)	(47/88 CG11) 51/88 38°02'40"N 121°53'05"W
★18661	18Ed. 5/7/88	NEW EDITION	(NOS) 31/88
★18662	16Ed. 5/28/88	NEW EDITION	(NOS) 33/88
★18664	10Ed. 9/12/87	NEW EDITION	(MCNM7926/87; NOS) 49/87
		(Side A)	
	Change	Edition date to "Sept. 12/1987" in lower left margin of chart	
★18665	9Ed. 1/31/87	NEW EDITION	(NOS) 15/87

★18680	24Ed. 2/21/87	NEW EDITION	
	Add	HORN to light "2"	(HNNM7457/85; NOS; MCNM7926/87) 16/87
		Purple dashed lines (recommended route) between	36°48.4'N 121°47.3'W
			37°57.3'N 123°03.2'W
			38°02.0'N 123°11.5'W
		between	
			38°02.0'N 123°18.4'W
			37°54.6'N 123°05.3'W
		Purple open-outlined dashed arrows indicating flow of traffic oriented 305.2° 125.2°	38°00.0'N 123°06.5'W 38°00.0'N 123°17.5'W
		Note "NOTE J US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes."	
		Legend "See Note J."	37°19.0'N 122°14.0'W
18680	24Ed. 2/21/87 LAST NM 16/87		
	Add	WHIS to buoy "1DR"	38°00.0'N 123°11.0'W (NOS) 17/87
18680	24Ed. 2/21/87 LAST NM 17/87		37°51.6'N 122°41.7'W
	Change	Color of buoy "SC" to red and white stripes	(19/87 CG11) 26/87
18680	24Ed. 2/21/87 LAST NM 26/87		36°56.4'N 122°00.7'W
	Change	Color of buoy "1" to green	(20/87 CG11) 29/87
18680	24Ed. 2/21/87 LAST NM 29/87		37°58.9'N 122°57.3'W
	Add	Depth 18 feet Obstr enclosed by danger circle, marked by buoys (2), white and orange bands	(26/87 CG11) 34/87
18680	24Ed. 2/21/87 LAST NM 34/87		37°42.4'N 122°34.9'W
	Change	Designation of buoy "A" to "S" and color to yellow	(28/87 CG11) 36/87 37°39.2'N 122°39.7'W
18680	24Ed. 2/21/87 LAST NM 36/87		
	Change	Light to Fl 5s 14M HORN	(29/87 CG11) 37/87 37°29.7'N 122°29.0'W
18680	24Ed. 2/21/87 LAST NM 37/87		
	Add	Buoy, yellow, Fl(5) Y 20s	(33/87 CG11) 41/87 37°34.0'N 122°53.1'W
★18680	24Ed. 2/21/87 LAST NM 41/87		
	Add	Superbuoy ODAS "46042", yellow, Fl(4) Y 20s	(38/87 CG11) 44/87
18680	24Ed. 2/21/87 LAST NM 44/87		36°45.9'N 122°13.5'W
	Add	Submarine pipeline joining	(CL1069/87) 52/87 36°57.2'N 122°02.5'W 36°56.8'N 122°02.6'W 36°56.1'N 122°04.4'W
★18680	24Ed. 2/21/87 LAST NM 52/87		
	Relocate	Buoy "46042" (36°45.9'N 122°13.5'W) to (See 44/87-18680)	(50/87 CG11) 3/88 36°45.0'N 122°24.5'W
★18680	24Ed. 2/21/87 LAST NM 3/88		
	Add	Wreck	(51/87 CG11) 4/88 37°23.5'N 122°53.1'W
18680	24Ed. 2/21/87 LAST NM 4/88		
	Change	Characteristic of superbuoy "SF" to Fl 6s	(14/88 CG11) 18/88
18680	24Ed. 2/21/87 LAST NM 18/88		37°45.0'N 122°41.6'W
	Change	Visibility (range) of light to 15M	(26/88 CG11) 32/88 37°47.6'N 122°30.6'W
18680	24Ed. 2/21/87 LAST NM 32/88		
	Delete	Buoys "2M" "10A"	(29/88 CG11) 34/88 37°44.3'N 122°36.8'W 37°32.2'N 122°33.2'W
★18680	24Ed. 2/21/87 LAST NM 34/88		
	Relocate	Buoy "46012" close S to	(39/88 CG11) 43/88 37°23.1'N 122°39.8'W

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18680 24Ed. 2/21/87 LAST NM 43/88
Relocate — Buoy close NE to — (41/88 CG11) 45/88 37°34.9′N 122°51.8′W

★18680 24Ed. 2/21/87 LAST NM 45/88
Add — Dashed-line circle with legend "Subm buoy (cov 49fms)" — (MCNM1034/89) 12/89 36°20.0′N 122°10.9′W

18680 24Ed. 2/21/87 LAST NM 12/89
Delete — Buoy (mooring) "CG" — (19/89 CG11) 24/89 36°49.1′N 121°48.4′W

★18681 3Ed. 8/26/78 — NEW EDITION — (DMAHTC) N45/78

18681 3Ed. 8/26/78 LAST NM 45/78
Change — Light "5" to Fl 2½sec, 6M HORN and add obscured sector 355°-102° — (47/78 CG12) N52/78 37°29.6′N 122°29.0′W

18681 3Ed. 8/26/78 LAST NM 52/78
Add — Dangerous wreck (PA) — (16/79 CG12) N22/79 37°46′31″N 122°35′17″W

T 18681 3Ed. 8/26/78 LAST NM 22/79
(Temp'y)
Delete — Buoy "2" — (43/79 CG12) N48/79 37°44′24″N 122°31′09″W

T 18681 3Ed. 8/26/78 LAST NM 48/79
(Temp'y)
Delete — Buoy "7" — (44/79 CG12) N49/79 37°46′57″N 122°35′24″W

18681 3Ed. 8/26/78 LAST NM 49/79
Add — Buoys
"2", red, BELL Ra Ref in — (49/79 CG12) N2/80 37°44′24″N 122°31′09″W
"7", black, Fl 4sec BELL Ra Ref — 37°46′57″N 122°35′24″W
(Supersedes N48, N49/79T-18681)

18681 3Ed. 8/26/78 LAST NM 2/80
Change — Buoys, each to orange and white bands, and "B" to Fl 10sec GONG — (5/80 CG12) N10/80 37°41′28″N 122°47′36″W
"C" to Fl 4sec BELL — 37°48′28″N 122°47′43″W

18681 3Ed. 8/26/78 LAST NM 10/80
Change — Buoy "A" to orange and white bands, Fl 4sec WHIS — (6/80 CG12) N11/80 37°39′14″N 122°39′39″W

18681 3Ed. 8/26/78 LAST NM 11/80
Change — Period of buoy "B" to 2½sec (See N10/80-18681) — (25/80 CG 12) N31/80 37°41′28″N 122°47′36″W

18681 3Ed. 8/26/78 LAST NM 31/80
Add — Dangerous wreck — (46/80 CG12) N51/80 37°47′30″N 122°35′13″W

18681 3Ed. 8/26/78 LAST NM 51/80
Add — Buoy "46012", red and yellow stripes, Fl(4) 20s Ra Ref — (48/80 CG12) N1/81 37°21′53″N 122°38′52″W

18681 3Ed. 8/26/78 LAST NM 1/81
Delete — Dangerous wreck (Supersedes N51/80-18681) — (49/80 CG12) N2/81 37°47′30″N 122°35′13″W

Add — Dangerous wreck — 37°47′26″N 122°35′16″W

18681 3Ed. 8/26/78 LAST NM 2/81
Add — Characteristic –••• to R Bn — (8/81 CG12) N12/81 37°48.9′N 122°31.7′W

18681 3Ed. 8/26/78 LAST NM 12/81
Change — Fog signal of buoy "10A" to WHISTLE — (17/81 CG12) N21/81 37°32.2′N 122°33.0′W

18681 3Ed. 8/26/78 LAST NM 21/81
Add — Wreck (PA) — (24/81 CG12) N28/81 37°37.0′N 122°37.5′W

18681 3Ed. 8/26/78 LAST NM 28/81
Add — Wreck (PA) — (34/81 CG12) N38/81 37°30′N 122°52′W

18681 3Ed. 8/26/78 LAST NM 38/81
Add — Racon to buoy "SF" — (US CH 18645) N7/82 37°45′04″N 122°41′30″W

18681 3Ed. 8/26/78 LAST NM 7/82
Add — Dangerous wreck (PA) — (17/82 CG12) N20/82 37°38.0′N 122°32.2′W

18681	3Ed. 8/26/78 LAST NM 20/82		(18/82 CG12) N23/82
	Relocate	Buoy "46012" (37°21'53"N 122°38'52"W) to	37°24.5'N 122°40.2'W
18681	3Ed. 8/26/78 LAST NM 23/82		(34/82 CG12) N38/82
	Change	Fog signal of buoy "A" to BELL	37°39'15"N 122°39'39"W
18681	3Ed. 8/26/78 LAST NM 38/82		(37/82 CG12; USCG LL) N48/82
	Change	Characteristic of buoy "SF" to F. Fl 2sec	37°45'00"N 122°41'30"W
18681	3Ed. 8/26/78 LAST NM 48/82		(25/83 CG12) N31/83
	Change	Characteristic of light to E Int 6sec	37°47'12"N 122°30'08"W
		Buoy "7" to green, Fl G 4sec, BELL, Ra Ref	37°46'55"N 122°35'20"W
	Add	Note in upper left margin of chart "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region B. For further explanation, see annual NM 1(6) and Chart No. 1."	
18681	3Ed. 8/26/78 LAST NM 31/83		(27/83 CG12) N35/83
	Change	Characteristic of buoys	
		"1" to E Int G 6sec	37°46'11"N 122°37'52"W
		"3" to Fl G 4sec	37°46'25"N 122°37'04"W
		"5" to Fl G 6sec	37°46'37"N 122°36'17"W
		"6" to Fl R 6sec	37°46'16"N 122°36'06"W
		"7" to Fl G 2.5sec	37°46'55"N 122°35'19"W
		"8" to Fl R 2.5sec	37°46'32"N 122°35'10"W
18681	3Ed. 8/26/78 LAST NM 35/83		(44/83 CG12) N49/83
	Change	Color of buoy "5" to green	37°46'37"N 122°36'17"W
18681	3Ed. 8/26/78 LAST NM 49/83		(3/84 CG12) N7/84
	Change	Color of buoy "PP" to red and white stripes	37°28'20"N 122°31'12"W
18681	3Ed. 8/26/78 LAST NM 7/84		(15/84 CG12; USCG LL) N27/84
	Change	Buoy "10A" to red, Fl R 4s WHIS Ra Ref	37°32'12"N 122°32'55"W
18681	3Ed. 8/26/78 LAST NM 27/84		(50/84 CG12) N7/85
	Change	Buoy to "W", yellow, Fl Y 2½s	37°41'35"N 122°47'36"W
18681	3Ed. 8/26/78 LAST NM 7/85		(6/85 CG12) N10/85
	Change	Color of buoy "1" to green	37°29'09"N 122°30'18"W
18681	3Ed. 8/26/78 LAST NM 10/85		(19/83, 11, 50/84 CG12; CL944/82; USCG LL) N11/85
	Delete	Buoy "46012"	37°24.5'N 122°40.2'W
		Designation "5" from light	37°29.6'N 122°29.0'W
	Change	Characteristic of buoys, each to Fl Y 4s	
		"A"	37°39.2'N 122°39.6'W
		"C"	37°48.5'N 122°47.7'W
		Color of buoys, each to green	
		"3"	37°46.4'N 122°37.1'W
		"5"	37°46.6'N 122°36.3'W
		Buoy to "W", yellow, Fl Y 2½s (Cancels N7/85-18681)	37°41.5'N 122°47.6'W
		Characteristic of buoy to IQR	37°48.7'N 122°32.4'W
	Add	Superbuoy "ODAS 46012," yellow, Fl(4) Y 20s	37°23'24"N 122°39'36"W
		Purple dashed line with legend "Sewer (under constr)" joining	37°43'43"N 122°30'22"W
			37°42'10"N 122°34'04"W
			37°42'20"N 122°34'25"W

SUBREGION 18

18681 3Ed. 8/26/78 LAST NM 11/85
Add "DUMP SITE (dredged material)" (CL275/85) N19/85
area bound by dashed line joining
37°44'55"N 122°37'18"W
37°45'45"N 122°34'24"W
37°45'15"N 122°34'12"W
37°44'24"N 122°37'06"W

18681 3Ed. 8/26/78 LAST NM 19/85
Change Visibility (range) of light to 9M (16/85 CG12) N21/85
Period of buoy "5" to 4s
37°49'13"N 122°29'54"W
37°46'37"N 122°36'16"W

18681 3Ed. 8/26/78 LAST NM 21/85
Delete Depth 11 fathoms Wk (PA) (31/85 CG12) N36/85
37°40'33"N 122°47'26"W
Add Depth 9 fathoms 3 feet Wk
37°40'22.3"N 122°47'32.2"W

18681 3Ed. 8/26/78 LAST NM 36/85
Change Color of buoy "C" to yellow (39/85 CG12) N44/85
and designation to "N"
37°48.2'N 122°47.9'W

18681 3Ed. 8/26/78 LAST NM 44/85
Add Buoys, white and orange bands (26/87 CG11) N34/87
37°42'23"N 122°34'58"W
37°42'27"N 122°34'58"W
Depth 18 feet Obstr enclosed by
danger circle
37°42'25"N 122°34'58"W

18681 3Ed. 8/26/78 LAST NM 34/87
Change Designation of buoy "A" to "S" (28/87 CG11) N36/87
and color to yellow
37°39.2'N 122°39.7'W

18681 3Ed. 8/26/78 LAST NM 36/87
Change Characteristic of superbuoy "SF" to (14/88 CG11) N18/88
Fl 6s
37°45'03"N 122°41'30"W

18681 3Ed. 8/26/78 LAST NM 18/88
Add Obstruction (covered 23 fathoms) with (22/88 CG11) N28/88
legend "Subm buoy"
37°38'42"N 122°42'16"W
Obstruction (covered 47 fathoms) with
legend "Subm buoy"
37°28'14"N 122°47'02"W

18681 3Ed. 8/26/78 LAST NM 28/88
Change Visibility (range) of light to 15M (25, 26/88 CG11) N32/88
37°47'33"N 122°30'32"W
Add Obstructions (covered 8 fathoms 2 feet)
with legend "Subm buoy"
37°38'42"N 122°42'16"W
37°28'14"N 122°47'02"W
(Supersedes N28/88-18681)

18681 3Ed. 8/26/78 LAST NM 32/88
Delete Buoys "2M" (29/88 CG11) N34/88
"10A" 37°44'22"N 122°36'32"W
37°32'12"N 122°32'57"W

18681 3Ed. 8/26/78 LAST NM 34/88
Relocate Buoy "46012" (39/88 CG11) N43/88
(37°23'24"N 122°39'36"W) to
37°23'09"N 122°39'44"W

★18682 12Ed. 5/7/83 NEW EDITION
Delete Designation "5" from light (NOS) 33/83
(Previously published 24/83) 37°29'39"N 122°29'01"W

★18682 12Ed. 5/7/83 LAST NM 23/83
Change Designation of buoy "1" to "1S" (27/83 CG12) 35/83
37°27'53"N 122°28'07"W

★18682 12Ed. 5/7/83 LAST NM 35/83
Change Color of buoy "PP" to (3/84 CG12) 7/84
red and white stripes
37°28'20.0"N 122°31'11.2"W
Color of buoys, each to green
"3"
"1S"
37°28'53.8"N 122°28'54.8"W
37°27'53.0"N 122°28'06.9"W

★18682 12Ed. 5/7/83 LAST NM 7/84
Change Color of buoy "1" to green (6/85 CG12) 10/85
37°29'11"N 122°30'18"W

★18682 12Ed. 5/7/83 LAST NM 10/85
Change Light to Fl 5s 50ft 14M HORN (29/87 CG11) 37/87
37°29'38"N 122°29'01"W

★18682	12Ed. 5/7/83 LAST NM 37/87		
	Change	Period of light "6" to 6s	(39/88 CG11) 43/88
			37°29'43"N 122°29'05"W
★18683	2Ed. 9/22/79	NEW EDITION	(DMAHTC) N51/79
18683	2Ed. 9/22/79 LAST NM 51/79		
	Add	Buoy "46012", red and yellow stripes, Fl(4) 20s Ra Ref	(48/80 CG12) N1/81
			37°21'53"N 122°38'52"W
18683	2Ed. 9/22/79 LAST NM 1/81		
	Relocate	Buoy "46012" (37°21'53"N 122°38'52"W) to	(18/82 CG12) N23/82
			37°24.5'N 122°40.2'W
18683	2Ed. 9/22/79 LAST NM 23/82		
	Delete	Buoy "46012"	(11/84 CG12) N11/85
			37°24'30"N 122°40'12"W
	Add	Superbuoy "ODAS 46012", yellow, Fl(4) Y 20s	
			37°23.4'N 122°39.6'W
18683	2Ed. 9/22/79 LAST NM 11/85		
	Relocate	Buoy "46012" (37°23.4'N 122°39.6'W) to	(39/88 CG11) N43/88
			37°23'09"N 122°39'44"W
★18685	28Ed. 2/21/87	NEW EDITION	(NOS) 19/87
★18685	28Ed. 2/21/87 LAST NM 19/87		
	Change	Color of buoy "SC" to red and white stripes	(19/87 CG11) 26/87
			36°56'20"N 122°00'36"W
★18685	28Ed. 2/21/87 LAST NM 26/87		
	Add	Tabulation of controlling depths from back of Section I	(BP132099) 34/87
★18685	28Ed. 2/21/87 LAST NM 34/87		
	Add	Buoy, yellow, Fl Y 6s	(29/87 CG11) 37/87
			36°37.3'N 121°53.9'W
★18685	28Ed. 2/21/87 LAST NM 37/87		
	Add	Tabulation of controlling depths from back of Section I	(BP132630) 41/87
★18685	28Ed. 2/21/87 LAST NM 41/87		
	Add	Dangerous wreck (PA)	(35/87 CG11) 42/87
			36°46.9'N 121°48.7'W
★18685	28Ed. 2/21/87 LAST NM 42/87		
	Add	Submarine pipeline joining	(CL1069/87) 52/87
			36°57'11"N 122°02'29"W
			36°56'50"N 122°02'33"W
			36°56'03"N 122°04'23"W
★18685	28Ed. 2/21/87 LAST NM 52/87		
		(And Inset Monterey Harbor)	
	Add	Buoy "A", red and green bands (topmost band red), nun (Priv maintd)	(18/88 CG11) 22/88
			36°36'28.0"N 121°53'20.3"W
		(Inset Monterey Harbor)	
	Add	Buoys, each green can (Priv maintd)	
		"1"	36°36'29.2"N 121°53'24.9"W
		"3"	36°36'30.5"N 121°53'29.6"W
		"5"	36°36'31.8"N 121°53'34.2"W
		"3"	36°36'23.5"N 121°53'21.1"W
		"5"	36°36'20.2"N 121°53'24.9"W
		"7"	36°33'17.3"N 121°53'28.3"W
		Buoys, each red nun (Priv maintd)	
		"2"	36°36'24.2"N 121°53'22.4"W
		"4"	36°36'21.9"N 121°53'25.0"W
		"6"	36°36'19.6"N 121°53'27.7"W
★18685	28Ed. 2/21/87 LAST NM 22/88		
	Add	Tabulation of controlling depths from back of Section I	(BP137049) 17/89
★18685	28Ed. 2/21/87 LAST NM 17/89		
	Delete	Buoys (mooring) "CG"	(19/89 CG11) 24/89
		(undesignated)	36°57'25"N 122°00'48"W
		"CG"	36°58'00"N 121°57'01"W
			36°49'06"N 121°48'22"W
★18686	11Ed. 1/1/83	NEW EDITION	(NOS) 10/83

18686	11Ed. 1/1/83 LAST NM 10/83 Change	Characteristic of buoy "6" to Fl R 6s	(50/84 CG12) 7/85 36°35'04"N 121°59'01"W
★18687	10Ed. 6/18/88	NEW EDITION	(NOS) 35/88
★18700	15Ed. 7/30/88	NEW EDITION	(NOS) 43/88
18700	15Ed. 7/30/88 LAST NM 43/88 Add	Platform	(48/88 CG11) 52/88 34°36.6'N 120°43.7'W
18700	15Ed. 7/30/88 LAST NM 52/88 Add	Buoys, yellow, Fl Y 4s (Priv maintd)	(51/88 CG11) 5/89 34°55.6'N 120°45.8'W 34°55.0'N 120°49.8'W 34°53.7'N 120°59.5'W
★18700	15Ed. 7/30/88 LAST NM 5/89 Delete	Buoys (Supersedes 5/89-18700)	(10/89 CG11) 14/89 34°55.6'N 120°45.8'W 34°55.0'N 120°49.8'W 34°53.7'N 120°59.5'W
★18703	20Ed. 5/9/87 Change	NEW EDITION Characteristic of R Bn to -- --•••	(NOS; 14/87 CG12) 34/87 35°22'03"N 120°52'03"W
18703	20Ed. 5/9/87 LAST NM 34/87 Change	Line 3 of Note C Caution to "from Morro Bay Radiobeacon"	(NOS) 36/87 35°23'05"N 120°50'55"W
★18703	20Ed. 5/9/87 LAST NM 36/87 Change	Color of buoy "3" to green Buoy to "EB", red and white stripes, ball topmark, Mo(A) WHIS	(42/87 CG11) 48/87 35°09'14"N 122°44'53"W 35°24'06"N 120°55.56'W
★18703	20Ed. 5/9/87 LAST NM 48/87 Change	Color of buoy "3" to green Buoy to "EB", red and white stripes, ball topmark, Mo(A) WHIS (Cancels 48/87-18703)	(42/87 CG11) 14/88 35°09'14"N 120°44'53"W 35°24'06"N 120°55'56"W
18703	20Ed. 5/9/87 LAST NM 14/88 Change	Color of buoy to red and green bands (topmost band red)	(25/88 CG11) 32/88 35°07'45"N 120°44'20"W
18703	20Ed. 5/9/87 LAST NM 32/88 Change	Color of buoy to red and green bands (topmost band red)	(37/88 CG11) 44/88 35°09'40"N 120°44'45"W
★18704	11Ed. 7/28/84	NEW EDITION	(NOS) 42/84
18704	11Ed. 7/28/84 LAST NM 42/84 Change	Characteristic of buoy to Fl(2+1) R 6s	(20/85 CG12) 24/85 35°07'45"N 120°44'19"W
★18704	11Ed. 7/28/84 LAST NM 24/85 Change	Color of buoys, each to green "1" "5"	(32/86 CG12) 41/86 35°08'45.6"N 120°47'02.0"W 35°09'43.0"N 120°45'00.2"W
★18704	11Ed. 7/28/84 LAST NM 41/86 Relocate	R Bn (35°09'36"N 120°45'34"W) to (PA)	(35/86 CG12) 46/86 35°09'38.7"N 120°45'21.0"W
18704	11Ed. 7/28/84 LAST NM 46/86 Change	Color of buoy "3" to green	(42/87 CG11) 48/87 35°09'14"N 122°44'53"W
18704	11Ed. 7/28/84 LAST NM 48/87 Change	Color of buoy "3" to green (Cancels 48/87-18704)	(42/87 CG11) 14/88 35°09'14"N 120°44'53"W
18704	11Ed. 7/28/84 LAST NM 14/88 Change	Color of buoy to red and green bands (topmost band red)	(25/88 CG11) 32/88 35°07'45"N 120°44'19"W

★18704	11Ed. 7/28/84 LAST NM 32/88		(37/88 CG11) 44/88
	Change	Color of buoy to red and green bands (topmost band red)	35°09'40"N 120°44'45"W
★18720	26Ed. 7/4/87	NEW EDITION	
18720	26Ed. 7/4/87 LAST NM 43/87		(NOS) 43/87
	Delete	Buoy	(46/87 CG11) 50/87 34°06.5'N 120°31.5'W
18720	26Ed. 7/4/87 LAST NM 50/87		
	Add	Buoy (mooring)	(10/88 CG11) 14/88 34°32.5'N 120°34.2'W
18720	26Ed. 7/4/87 LAST NM 14/88		
	Add	Buoy, yellow, Fl Y 4s (Navy maintd)	(17/88 CG11) 21/88 33°40.7'N 119°11.2'W
★18720	26Ed. 7/4/87 LAST NM 21/88		
	Delete	Buoy (See 21/88-18720)	(20/88 CG11) 24/88 33°40.7'N 119°11.2'W
	Add	Obstruction (covered 20 fathoms) with legend "Subm buoy"	33°40.7'N 119°11.2'W
18720	26Ed. 7/4/87 LAST NM 24/88		
	Delete	Danger circle "Obstr"	(31/88 CG11; USCG LL) 38/88 33°57.2'N 119°40.3'W
		Purple dashed lines between	33°58.7'N 119°39.9'W 33°52.5'N 119°40.3'W
		between	33°58.9'N 119°39.4'W 33°52.4'N 119°35.9'W
		Buoy	34°58.9'N 119°38.9'W
	Add	Purple dashed lines (acoustic range limits) between	33°58.7'N 119°40.3'W 33°53.1'N 119°43.4'W
		between	33°58.9'N 119°39.4'W 33°53.1'N 119°35.3'W
		Buoy, yellow, Fl	33°58.7'N 119°39.0'W
★18720	26Ed. 7/4/87 LAST NM 38/88		
	Delete	Buoy "4"	(41/88 CG11) 45/88 33°58.3'N 119°06.7'W
	Change	Legend to "Fl R Lts"	34°12.3'N 119°14.3'W
	Add	Obstruction (covered 133 fathoms)	33°58.3'N 119°06.7'W
18720	26Ed. 7/4/87 LAST NM 45/88		
	Add	Platform	(48/88 CG11) 52/88 34°36.6'N 120°43.7'W
★18720	26Ed. 7/4/87 LAST NM 52/88		
	Delete	Buoy	(1/89 CG11) 5/89 33°45.0'N 119°03.0'W
18720	26Ed. 7/4/87 LAST NM 5/89		
	Delete	Buoys	(3/89 CG11) 7/89 33°55.1'N 119°43.9'W 33°55.0'N 119°44.1'W
	Add	Buoy Fl Y (Navy maintd)	33°55.2'N 119°44.6'W
18720	26Ed. 7/4/87 LAST NM 7/89		
	Add	"Cable Range Area" bound by purple dashed line joining	(4/89 CG11) 8/89 34°06.1'N 119°13.4'W 34°06.1'N 119°12.8'W 34°05.6'N 119°12.8'W 34°05.6'N 119°13.4'W
		Buoy (mooring) Fl with legend "(3 buoys)"	34°06.0'N 119°13.0'W
18720	26Ed. 7/4/87 LAST NM 8/89		
	Delete	Buoy "2VU"	(5/89 CG11) 10/89 34°14.9'N 119°17.1'W
18720	26Ed. 7/4/87 LAST NM 10/89		
	Delete	Buoys (3) in vicinity	(3/89 CG11; USCG LL) 12/89 33°55.0'N 119°44.0'W
	Add	Buoy, Fl Y (Navy maintd) (Supersedes 7/89-18720)	33°55.2'N 119°44.6'W

18720	26Ed. 7/4/87 LAST NM 12/89		(USCG LL: 12/89 CG11) 16/89
	Change	Characteristic of buoy to Fl(5) Y 15s	33°23.0'N 119°39.9'W

★18721	8Ed. 9/20/86	NEW EDITION	(NOS) 51/86
18721	8Ed. 9/20/86 LAST NM 51/86		(49/86 CG11) 52/86
	Add	Buoy, yellow, Fl 4s (Priv maintd)	34°31.2'N 120°43.9'W
★18721	8Ed. 9/20/86 LAST NM 52/86		(3/87 CG11) 7/87
	Relocate	Buoys (mooring)	
		"A" close SW to	34°27'46.5"N 120°12'19.0"W
		"B" close S	34°27'44.9"N 120°12'10.5"W
		"C" close SE	34°27'40.5"N 120°12'02.9"W
		"D" close SE	34°27'34.7"N 120°12'02.2"W
		"E" close SE	34°27'29.4"N 120°12'06.0"W
		"F" close SE	34°27'27.9"N 120°12'19.8"W
		"G" close SW	34°27'42.8"N 120°12'36.4"W
18721	8Ed. 9/20/86 LAST NM 7/87		(46/87 CG11) 50/87
	Delete	Buoy "8"	34°06.5'N 120°31.6'W
★18721	8Ed. 9/20/86 LAST NM 50/87		(9/88 CG11) 13/88
	Add	Buoy, white and orange bands, Fl 4s (Priv maintd)	34°26'39"N 120°16'20"W
		Note: Marks submerged well	
★18721	8Ed. 9/20/86 LAST NM 13/88		(10/88 CG11) 14/88
	Add	Buoy (mooring)	34°32.5'N 120°34.2'W
★18721	8Ed. 9/20/86 LAST NM 14/88		(19/88 CG11) 23/88
	Add	Buoys (mooring)	34°26'46"N 120°25'11"W
			34°26'51"N 120°25'06"W
			34°26'53"N 120°24'58"W
			34°26'45"N 120°24'54"W
			34°26'44"N 120°25'04"W
★18721	8Ed. 9/20/86 LAST NM 23/88		(28/88 CG11) 34/88
	Delete	Platforms and legends "HERMAN"	34°26'38"N 120°17'41"W
		"HELEN"	34°25'53"N 120°22'53"W
★18721	8Ed. 9/20/86 LAST NM 34/88		(48/88 CG11) 52/88
	Add	Platform	34°36'37"N 120°43'46"W
		Buoys (mooring)	34°26'43"N 120°26'21"W
			34°26'42"N 120°26'20"W
			34°26'41"N 120°26'06"W
★18721	8Ed. 9/20/86 LAST NM 52/88		(10/89 CG11) 14/89
	Add	Buoys (mooring)	34°36'47"N 120°43'42"W
			34°36'36"N 120°43'58"W
18721	8Ed. 9/20/86 LAST NM 14/89		(16/89 CG11) 19/89
	Add	Legend "Breakers"	34°01'17"N 120°17'27"W

18722	2Ed. 5/20/72 LAST NM 19/74		(MCNM7817/86) N40/86
	Delete	Position circle "LORAN TOWER."	34°34'46"N 120°38'35"W
		Legends "ZONE 5"	34°42'55"N 120°40'15"W
		"ZONE 3"	34°35'53"N 120°40'07"W
		"ZONE 6"	34°49'00"N 120°39'00"W
		Purple dashed lines between	34°39'59"N 120°36'40"W
			34°39'59"N 120°40'50"W
		between	34°37'16"N 120°37'55"W
			34°37'16"N 120°41'56"W
	Change	Legends "ZONE 8" to "ZONE 3"	34°44'23"N 120°40'10"W
			34°46'27"N 120°40'25"W
		Light to Fl 15s 120ft 24M HORN	34°34'37"N 120°38'52"W
	Add	Purple dashed line between	34°41'50"N 120°36'07"W
			34°41'50"N 120°40'12"W
18722	2Ed. 5/20/72 LAST NM 40/86		(FED REG 10/22/85) N37/87
	Change	Legends to	
		"DANGER AREA ZONE 2	
		334.1130 (see note A)"	34°49'00"N 120°39'15"W
		"RESTRICTED AREA ZONE 2	
		334.1130 (see note A)"	34°46'25"N 120°40'48"W

(continued on next page)

			N37/87
18722	(Continued) Change	"RESTRICTED AREA ZONE 3 334.1130 (see note A)"	34°44′24″N 120°40′30″W
		"DANGER AREA ZONE 3 334.1130 (see note A)"	34°42′54″N 120°40′34″W
		"DANGER AREA ZONE 4 334.1130 (see note A)"	34°38′42″N 120°39′27″W 34°35′52″N 120°40′26″W
18722	2Ed. 5/20/72 LAST NM 37/87 Add	Platform	(48/88, 10/89 CG11) N14/89 34°36′39″N 120°43′42″W
		Buoys (mooring)	34°36′49″N 120°43′41″W 34°36′36″N 120°43′58″W
18723	2Ed. 7/1/72 LAST NM 19/74 Delete	Position circle "LORAN TOWER" Legend "ZONE 3"	(MCNM7817/86) N40/86 34°34′46″N 120°38′35″W 34°35′42″N 120°41′13″W
	Change	Legends "ZONE 2" to "ZONE 5"	34°33′08″N 120°39′40″W
		"ZONE 1" to "ZONE 6"	34°31′30″N 120°34′20″W
		"ZONE 9" to "ZONE 7"	34°29′05″N 120°33′38″W
		"ZONE 10" to "ZONE 8"	34°25′27″N 120°29′24″W
		"ZONE 11" to "ZONE 9"	34°25′03″N 120°27′05″W
		Light to Fl 15s 120ft 24M HORN	34°34′37″N 120°38′52″W
		Visibility (range) of light to 26M	34°26′56″N 120°28′11″W
	Add	Buoys "A" Fl 6s (Priv maintd)	34°26′30″N 120°33′00″W
		(undesignated) Fl(3) Y 26s (Priv maintd)	34°30′54″N 120°37′54″W
		(undesignated) Fl(3) Y 25s (wavemeter) "WAVE CAGE"	34°33′11″N 120°42′38″W
		white and orange Fl(5) Y (Priv maintd)	34°29′42″N 120°43′36″W
		Platform "HERMOSA" with purple composite-line circle, radius 0.27 mile, and legend "SAFETY ZONE (see note A) 147.05-11.09", centered	34°27′19″N 120°38′47″W
		Platform	34°28′09″N 120°40′51″W
★18723	2Ed. 7/1/72 LAST NM 40/86 Delete	Buoys	(MCNM7840/86) N45/86 34°26′30″N 120°33′00″W 34°30′54″N 120°37′54″W 34°33′11″N 120°42′38″W
		(See N40/86-18723)	
18723	2Ed. 7/1/72 LAST NM 45/86 Change	Legends to "DANGER AREA ZONE 4 334.1130 (see note A)"	(FED REG 10/22/85) N37/87 34°35′11″N 120°41′26″W
		"DANGER AREA ZONE 5 334.1130 (see note A)"	34°33′07″N 120°40′00″W
		"DANGER AREA ZONE 6 334.1130 (see note A)"	34°31′29″N 120°34′27″W
		"DANGER AREA ZONE 7 334.1130 (see note A)"	34°29′04″N 120°34′00″W
		"DANGER AREA ZONE 8 334.1130 (see note A)"	34°25′37″N 120°29′40″W
		"DANGER AREA ZONE 9 334.1130 (see note A)"	34°25′31″N 120°27′20″W
18723	2Ed. 7/1/72 LAST NM 37/87 Add	Buoy (mooring)	(10/88 CG11) N14/88 34°32.5′N 120°34.2′W
★18725	22Ed. 12/5/87	NEW EDITION (And Inset Santa Barbara)	(NOS; 50/87 CG11) 12/88
	Delete	Buoy (mooring)	34°24′30″N 119°40′03″W

SECTION 18

★18725	22Ed. 12/5/87 LAST NM 12/88			
	Change	(Inset Ventura) First line of Note E to "Buoys in Ventura Harbor are not charted because they"		(11/88 CG11) 15/88
★18725	22Ed. 12/5/87 LAST NM 15/88			34°16'19"N 119°16'02"W
	Relocate	(Inset Channel Islands...Hueneme) Buoys "5" close W to "6" close E		(19/88 CG11) 23/88 34°08'44.2"N 119°12'44.9"W 34°08'42.5"N 119°12'40.9"W
★18725	22Ed. 12/5/87 LAST NM 23/88			
	Add	(Inset Santa Barbara) Legend "Shoaling Rep (1987)"		(23/88 CG11) 28/88
18725	22Ed. 12/5/87 LAST NM 28/88			34°24'29"N 119°41'12"W
	Add	(And Inset Ventura) Depth 5 fathoms Wk (PA)		(32/88 CG11) 37/88
18725	22Ed. 12/5/87 LAST NM 37/88			34°14'54"N 119°16'48"W
	Change	Legend to "Fl R Lts"		(41/88 CG11) 45/88
★18725	22Ed. 12/5/87 LAST NM 45/88			34°12'27"N 119°15'03"W
	Add	Dangerous wreck		(48/88 CG11) 52/88
★18725	22Ed. 12/5/87 LAST NM 52/88			34°08'39"N 119°14'00"W
	Add	(And Inset Santa Barbara) Depth 4 feet Wk (PA)		(53/88 CG11) 5/89
★18725	22Ed. 12/5/87 LAST NM 5/89			34°28.8'N 119°40.2'W
	Add	"Cable Range Area" bound by purple dashed line joining		(4/89 CG11) 8/89 34°06'06"N 119°13'27"W 34°06'06"N 119°12'51"W 34°05'36"N 119°12'51"W 34°05'36"N 119°13'27"W
		Buoys (mooring) Fl (Navy maintd)		34°06'04"N 119°13'16"W 34°06'02"N 119°13'00"W 34°05'52"N 119°13'09"W
★18725	22Ed. 12/5/87 LAST NM 8/89			
	Delete	(And Inset Ventura) Buoys "2VU" (mooring) (5) in vicinity		(5/89 CG11) 10/89 34°14'52"N 119°17'07"W 34°14'53"N 119°16'41"W
★18725	22Ed. 12/5/87 LAST NM 10/89			
	Add	(And Inset Santa Barbara) Dangerous wreck with legend "3fms (rep 1989)" (PA)		(8/89 CG11) 15/89
★18725	22Ed. 12/5/87 LAST NM 15/89			34°24'42"N 119°39'48"W
	Add	(And Inset Santa Barbara) Depth 4 feet Wk (PA)		(53/88 CG11) 17/89
----------				34°24.8'N 119°40.2'W
★18727	10Ed. 12/5/87	NEW EDITION		
★18727	10Ed. 12/5/87 LAST NM 8/88			(NOS) 8/88
	Add	Legend "Breakers"		(16/89 CG11) 19/89
----------				34°01'17"N 120°17'31"W
★18728	7Ed. 8/21/82	NEW EDITION		
★18728	7Ed. 8/21/82 LAST NM 43/82			(NOS) 43/82
	Add	Buoy (mooring)		(49/82 CG11) 1/83
★18728	7Ed. 8/21/82 LAST NM 1/83			34°03'20"N 119°54'56"W
	Add	Buoys, each yellow, Fl Y "C" "D"		(52/84 CG11) 9/85 33°54.8'N 119°40.0'W 33°56.7'N 119°40.0'W
18728	7Ed. 8/21/82 LAST NM 9/85			
	Add	Buoy, yellow, Fl(3)Y 20s (Navy maintd)		(13/85 CG11) 16/85
★18728	7Ed. 8/21/82 LAST NM 16/85			33°55'07"N 119°43'56"W
	Relocate	Buoy (mooring) "CG1" close NE to		(23/85 CG11) 26/85
18728	7Ed. 8/21/82 LAST NM 26/85			33°54'03.0"N 120°05'46.5"W
	Change	Characteristic of light to Fl 10s and visibility (range) to 16M		(39/86 CG11) 43/86

(continued on next page)

33°57'00"N 119°49'30"W

18728	(Continued)		43/86
	Add	Buoy, orange and silver, spherical, Fl(5) (Navy maintd)	33°55'01"N 119°44'03"W
★18728	7Ed. 8/21/82 LAST NM 43/86		
	Delete	Buoys "D"	(4/86 CG11) 27/87
		"C"	33°56'42"N 119°40'00"W 33°54'48"N 119°40'00"W
★18728	7Ed. 8/21/82 LAST NM 27/87		
	Add	Legend "(PA)" to light	(13/88 CG11) 18/88 33°57'00"N 119°49'30"W
18728	7Ed. 8/21/82 LAST NM 18/88		
	Delete	Danger circle "Obstruction Platform"	(31/88 CG11) 38/88 33°57'13"N 119°40'12"W
		Purple dashed line between	33°55'57"N 119°40'00"W 33°52'43"N 119°40'19"W
	Add	Purple dashed line (acoustic range limits) between	33°58'40"N 119°40'00"W 33°53'09"N 119°43'25"W
★18728	7Ed. 8/21/82 LAST NM 38/88		
	Delete	Buoys	(3/89 CG11) 7/89 33°55'07"N 119°43'56"W 33°55'01"N 119°44'03"W
	Add	Buoy, Fl Y (Navy maintd)	33°55'13"N 119°44'36"W
★18729	10Ed. 3/7/87	NEW EDITION	(NOS) 26/87
★18729	10Ed. 3/7/87 LAST NM 26/87		
	Delete	Danger circle "Obstr (platform)"	(31/88 CG11; USCG LL) 38/88 33°57'13"N 119°40'13"W
		Buoys "B"	33°58'52"N 119°39'40"W
		"E"	33°58'54"N 119°38'54"W
		Legend "Priv maintd buoys"	33°58'45"N 119°39'40"W
		Purple dashed lines between	33°58'55"N 119°39'49"W 33°54'55"N 119°40'12"W
		between	33°58'58"N 119°39'32"W 33°54'55"N 119°37'24"W
	Change	Buoy "A" to white and blue bands, Fl 4s (Navy maintd)	33°58'51"N 119°39'45"W
	Add	Buoy "B", yellow, Fl 4s (Navy maintd)	33°58'41"N 119°39'00"W
		Purple dashed lines (acoustic range limits) between	33°58'55"N 119°39'49"W 33°54'55"N 119°42'17"W
		between	33°58'58"N 119°39'32"W 33°54'55"N 119°36'33"W
★18730	1Ed. 1/26/80	NEW CHART	(DMAHTC; 8/80 CG11) N12/80
	Delete	Buoys "E"	33°56'30"N 119°41'04"W
		"F"	33°56'32"N 119°41'03"W
		"G"	33°56'28"N 119°41'02"W
		"H"	33°56'30"N 119°41'06"W
18730	1Ed. 1/26/80 LAST NM 12/80		
	Relocate	Position circle "NMH" (33°54'35"N 119°39'44"W) to	(NVS7359/84) N49/84 33°54'17.0"N 119°39'51.9"W
	Add	Position circle "REMS"	33°54'24.8"N 119°39'59.0"W
18730	1Ed. 1/26/80 LAST NM 49/84		
	Add	Buoys, each yellow, Fl Y	(52/84 CG11) N9/85
		"C"	33°54.8'N 119°40.0'W
		"D"	33°56.7'N 119°40.0'W
18730	1Ed. 1/26/80 LAST NM 9/85		
	Add	Buoy "E", yellow, Fl Y (Priv maintd)	(9/85 CG11) N12/85 33°58.9'N 119°38.9'W
18730	1Ed. 1/26/80 LAST NM 12/85		
	Add	Buoy, yellow, Fl(3) Y 20s (Navy maintd)	(13/85 CG11) N16/85 33°55'07"N 119°43'56"W

SUBREGION 18

18730	1Ed. 1/26/80 LAST NM 16/85		
	Add	Buoy, yellow, Fl(3) Y (Navy maintd)	(20/85 CG11) N23/85 33°58'18"N 119°38'30"W
18730	1Ed. 1/26/80 LAST NM 23/85		
	Delete	Buoys "C"	(4/86 CG11) N27/87
		"D"	33°54.8'N 119°40.0'W 33°56.7'N 119°40.0'W
18730	1Ed. 1/26/80 LAST NM 27/87		
	Delete	Danger circle "Obstruction Platform"	(19/86, 31/88 CG11; USCG LL; MCNM8133/88) N38/88 33°57'12"N 119°40'17"W
		Buoy "B"	33°58'52"N 119°39'44"W
		"E"	33°58'54"N 119°38'54"W
		(undesignated)	33°58'18"N 119°38'30"W
		Triangulation point symbol and legend "RED CAMERA STATION 976' elev. 33°58'55.0"N 119°41'12.77"W"	33°58'55"N 110°41'12"W
		Purple dashed lines between	33°58'54"N 119°39'54"W 33°52'44"N 119°40'17"W
		between	33°58'59"N 119°39'36"W 33°52'24"N 119°36'04"W
	Change	Buoy "A" to white and blue bands, Fl 4s (Navy maintd)	33°58'52"N 119°39'49"W
	Add	Buoy "B", yellow, Fl 4s (Navy maintd)	33°58'41"N 119°39'44"W
		Position circle "REMS II"	33°54'21"N 119°39'57"W
		Purple dashed lines between	35°58'54"N 119°39'54"W 33°53'09"N 119°43'25"W
		between	33°58'59"N 119°39'36"W 33°53'09"N 119°35'17"W
18730	1Ed. 1/26/80 LAST NM 38/88		
	Delete	Buoy	(3/89 CG11) N7/89 33°55'07"N 119°43'56"W
	Add	Buoy, Fl Y (Navy maintd)	33°55'13"N 119°44'36"W
★18740	30Ed. 9/13/86	NEW EDITION	
	Change	Characteristic of lights to Fl 5s and visibility (range) to 15M	(NOS) 50/86 32°48.2'N 118°25.4'W
			33°29.3'N 119°01.7'W
		Characteristic of lights to Fl 10s and visibility (range) to 16M	33°15.5'N 119°27.8'W 33°56.9'N 119°49.5'W
		(Previously published 43/86)	32°49.2'N 118°21.1'W
	Change	Light "3" to Fl G 5s 44ft 14M HORN	33°35.3'N 117°52.7'W
		Lights to Fl 10s 212ft 16M	33°18.2'N 118°19.0'W
		Fl 5s 71ft 15M	33°24.4'N 118°21.8'W
		Fl 10s 76ft 16M	33°28.8'N 118°36.3'W
		(Previously published 48/86)	
★18740	30Ed. 9/13/86 LAST NM 50/86		
	Change	Color of buoy "LA" to red and white stripes	(NOS) 52/86
		Designation of buoy "SO" to "2SO"	33°41'57"N 118°14'32"W 33°20'48"N 117°34'20"W
	Add	Dangerous wreck (PA)	32°39'48"N 117°14'00"W
18740	30Ed. 9/13/86 LAST NM 52/86		
	Change	Light to Fl 10s 63ft 16M	(4/87 CG11) 9/87 33°23.3'N 117°35.7'W
★18740	30Ed. 9/13/86 LAST NM 9/87		
	Change	Characteristic of buoy "2" to Fl R 2.5s	(6/87 CG11) 10/87 33°27.3'N 117°43.2'W
	Add	Designation "CG1" to buoy (mooring)	33°20'36"N 117°31'47"W
18740	30Ed. 9/13/86 LAST NM 10/87		
	Delete	Buoy (mooring)	(9/87 CG11) 13/87
18740	30Ed. 9/13/86 LAST NM 13/87		32°48.3'N 118°24.8'W
	Add	R Bn 317 kHz -- ----	(11, 12/87 CG11) 18/87 32°45.5'N 117°15.4'W

18740	30Ed. 9/13/86 LAST NM 18/87		
	Change	R Bn to 325 kHz •–•• •–	(26/87 CG11) 34/87 33°42.5'N 118°15.0'W
	Add	R Bn 302 kHz •••– at light	33°44.5'N 118°24.6'W
18740	30Ed. 9/13/86 LAST NM 34/87		(42/87 CG11) 48/87
	Add	Racon –•– to buoy "LA"	33°42.0'N 118°14.5'W
18740	30Ed. 9/13/86 LAST NM 48/87		(44/87 CG11) 49/87
	Delete	Buoys	33°41.9'N 118°17.7'W 33°44.2'N 118°23.3'W
18740	30Ed. 9/13/86 LAST NM 49/87		(MCNM8031/87) 17/88
	Add	Position circle with legend "TACAN NAVY SAN DIEGO CHANNEL 86"	32°52.8'N 118°26.4'W
18740	30Ed. 9/13/86 LAST NM 17/88		(17/88 CG11) 21/88
	Add	Buoy, yellow, Fl Y 4s (Navy maintd)	33°40.7'N 119°11.2'W
18740	30Ed. 9/13/86 LAST NM 21/88		(20/88 CG11) 24/88
	Delete	Buoy (See 21/88-18740)	33°40.7'N 119°11.2'W
	Add	Obstruction (covered 20 fathoms) with legend "Subm buoy"	33°40.7'N 119°11.2'W
18740	30Ed. 9/13/86 LAST NM 24/88		(22/88 CG11) 28/88
	Delete	Light (Navy maintd) and legend "(Platform)" in vicinity	32°46.4'N 117°16.1'W
18740	30Ed. 9/13/86 LAST NM 28/88		(30/88 CG11) 34/88
	Change	Visibility (range) of light to 15M	33°42.5'N 118°15.0'W
★18740	30Ed. 9/13/86 LAST NM 34/88		(NOS; 33/88 CG11; USCG LL) 37/88
	Change	Characteristic of light "4" to Fl R 5s and visibility (range) to 14M	33°12.3'N 117°24.0'W
	Substitute	Depth 15 fathoms Wk for dangerous wreck (9fms rep) (PA)	32°37.6'N 117°15.0'W
	Add	Buoy, yellow, QY (Priv maintd)	32°42.1'N 117°29.4'W
18740	30Ed. 9/13/86 LAST NM 37/88		(35/88 CG11) 40/88
	Change	Color of buoy to yellow	33°37.8'N 118°05.1'W
18740	30Ed. 9/13/86 LAST NM 40/88		(36/88 CG11) 41/88
	Relocate	Buoy (32°44.8'N 117°22.2'W) to	32°44.0'N 117°20.7'W
★18740	30Ed. 9/13/86 LAST NM 41/88		(37/88 CG11) 44/88
	Delete	Light	33°39.2'N 118°00.3'W
	Change	Color of buoys, each to green (undesignated) "3"	32°39.1'N 117°13.6'W 32°38.2'N 117°14.2'W
18740	30Ed. 9/13/86 LAST NM 44/88		(40, 41/88 CG11) 45/88
	Delete	Buoys (mooring) "4"	33°38.8'N 117°59.4'W 33°58.3'N 119°06.7'W
	Add	Obstruction (covered 133 fathoms)	33°58.3'N 119°06.7'W
18740	30Ed. 9/13/86 LAST NM 45/88		(48/88 CG11) 52/88
	Change	Buoy "2HB" to "HB", yellow, Fl Y 10s BELL (Priv maintd)	33°38.1'N 118°00.8'W
★18740	30Ed. 9/13/86 LAST NM 52/88		(50/88 CG11) 1/89
	Delete	Buoy (See 37/88-18740)	32°42.1'N 117°29.4'W
18740	30Ed. 9/13/86 LAST NM 1/89		(1/89 CG11) 5/89
	Delete	Buoy	33°45.0'N 119°03.0'W
18740	30Ed. 9/13/86 LAST NM 5/89		(3/89 CG11) 7/89
	Delete	Buoys "2" (undesignated)	33°55.0'N 119°44.1'W 33°55.1'N 119°43.9'W
	Add	Buoy, Fl Y (Navy maintd)	33°55.2'N 119°44.6'W

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18740	30Ed. 9/13/86 LAST NM 7/89		
	Delete	Buoy	(10/89 CG11) 14/89
		(Supersedes 41/88-18740)	32°44.0′N 117°20.7′W
	Add	Buoy, yellow, Fl(5) Y 20s (Priv maintd)	32°43.4′N 117°21.2′W
★**18740**	30Ed. 9/13/86 LAST NM 14/89		
	Change	Characteristic of buoy to Fl(5) Y 15s	(USCG LL; 12/89 CG11) 16/89
	Add	Buoys, each yellow, Fl Y 4s (Priv maintd)	33°23.0′N 119°39.9′W
		"A"	32°46.4′N 117°21.4′W
		"B"	32°48.0′N 117°33.1′W
★**18740**	30Ed. 9/13/86 LAST NM 16/89		
	Add	Depth 51 fathoms "Rep (1988)" (PA)	(CL435, 436/89) 23/89
		Dangerous submerged rock with legend "1½fms rep" (PA)	32°49.5′N 117°49.4′W
★**18741**	16Ed. 8/2/86	NEW EDITION	33°24.1′N 118°29.4′W
	Change	Characteristic of light to Fl 10s and visibility (range) to 17M	(DMAHTC; 12(5238)83 Mexico, D.F.) N47/86
		Period of light to 5s and visibility (range) to 15M (Previously published N39/86)	33°00.2′N 118°33.1′W
	Change	Characteristic of light to Fl 10s and visibility (range) to 16M	33°01.8′N 118°35.7′W
		Characteristic of lights to Fl 5s and visibility (range) to 15M	32°49.2′N 118°21.2′W
		(Previously published N43/86)	32°48.2′N 118°25.5′W 33°15.5′N 119°28.0′W 33°29.2′N 119°01.8′W
	Add	Light Fl(4) 5s 157ft	32°31′45″N 117°06′57″W
18741	16Ed. 8/2/86 LAST NM 47/86		
	Change	Lights to Fl 10s 212ft 16M	(40/86 CG11) N48/86
		Fl 5s 71ft 15M	33°18.2′N 118°19.0′W
		Fl 10s 76ft 16M	33°24.3′N 118°21.8′W 33°28.7′N 118°36.3′W
18741	16Ed. 8/2/86 LAST NM 48/86		
	Delete	Buoy	(53/86 CG11) N4/87
			32°04.0′N 118°11.3′W
18741	16Ed. 8/2/86 LAST NM 4/87		
	Change	Light to Fl 10s 63ft 16M	(4/87 CG11) N9/87
			33°23.3′N 117°35.7′W
18741	16Ed. 8/2/86 LAST NM 9/87		
	Add	Designation "CG1" to buoy (mooring)	(6/87 CG11) N10/87
			33°20′36″N 117°31′50″W
★**18741**	16Ed. 8/2/86 LAST NM 10/87		
	Add	"CAUTION NO. 6" area bound by purple dashed line joining	(MCNM8000/87) N46/87
			33°12.9′N 118°44.8′W
			33°09.5′N 118°48.5′W
			33°09.5′N 118°41.6′W
		Caution No. 6 to cautions note in upper right margin of chart "6. Ships and crafts are requested not to tow submerged objects across cautioned area."	
18741	16Ed. 8/2/86 LAST NM 46/87		
	Add	Operating areas, each bound by purple screened dashed line "P-5" joining	(MCNM8005/87) N49/87
			32°32.4′N 118°25.5′W
			32°35.4′N 118°13.6′W
			31°57.3′N 117°45.4′W
			31°47.3′N 118°23.5′W
		"P-6" joining	32°33.0′N 118°31.5′W
			31°53.8′N 118°42.3′W
			32°01.8′N 119°04.7′W
			32°35.6′N 118°39.0′W

(continued on next page)

18741 (Continued) N49/87

Add "P-7" joining 32°35.6'N 118°39.0'W
32°01.8'N 119°04.7'W
32°16.1'N 119°22.5'W
32°40.2'N 118°44.9'W

"P-8" joining 31°53.8'N 118°42.3'W
31°34.5'N 118°47.6'W
31°45.3'N 119°17.4'W
32°04.1'N 119°41.1'W
32°16.1'N 119°22.5'W
32°01.8'N 119°04.7'W

Purple screened line between 32°10.0'N 117°55.0'W
32°02.4'N 118°24.0'W

between 32°10.0'N 119°04.7'W
31°45.3'N 119°17.4'W

Legends "P-5S" 32°00.0'N 118°07.0'W
"P-5N" 32°16.5'N 118°12.5'W
"P-8E" 31°50.0'N 118°58.0'W
"P-8W" 32°03.0'N 119°20.5'W

Operating area bound by purple dashed line
"AR TKR TRK" 32°47.7'N 118°43.0'W
32°39.9'N 118°36.0'W
32°15.4'N 119°13.8'W
32°23.5'N 119°20.8'W

Note: Area partially contained in P-7

18741 16Ed. 8/2/86 LAST NM 49/87 (FED REG 10/22/85) N51/87

Change Legends to "DANGER AREA
334.950 (see note A)" 32°46.3'N 118°21.7'W

"DANGER AREA
334.960 (see note A)" 32°57.4'N 118°37.5'W

"DANGER AREA
334.970 (see note A)" 32°48.3'N 118°30.7'W

"RESTRICTED AREA
334.890 (see note A)" 32°35.8'N 117°13.0'W

"RESTRICTED AREA
334.900 (see note A)" 32°52.5'N 117°17.5'W
33°13.0'N 117°28.0'W

"RESTRICTED AREA
334.920 (see note A)" 32°59.0'N 118°26.7'W

"RESTRICTED AREA
334.980 (see note A)" 33°10.7'N 119°30.0'W

18741 16Ed. 8/2/86 LAST NM 51/87 (FED REG 10/22/85) N2/88

Change Legends to "DANGER AREA
334.950 NOTE NO 1" 32°46.3'N 118°21.7'W

"DANGER AREA
334.960 NOTE NO 1" 32°57.4'N 118°37.5'W

"DANGER AREA
334.970 NOTE NO 1" 32°48.3'N 118°30.7'W

"RESTRICTED AREA
334.890 NOTE NO 1" 32°35.8'N 117°13.0'W

"RESTRICTED AREA
334.900 NOTE NO 1" 32°52.5'N 117°17.5'W
33°13.0'N 117°28.0'W

"RESTRICTED AREA
334.920 NOTE NO 1" 32°59.0'N 118°26.7'W

"RESTRICTED AREA
334.980 NOTE NO 1" 33°10.7'N 119°30.0'W
(Supersedes N51/87-18741)

18741 16Ed. 8/2/86 LAST NM 2/88
Add — Purple screened dashed line between (MCNM8005/87) N4/8
32°01.8'N 119°04.7'W
(See N49/87-18741) 31°45.3'N 119°17.4'W

18741 16Ed. 8/2/86 LAST NM 4/88
Delete — Light (Navy maintd) (22/88 CG11) N28/88
32°46.4'N 117°16.1'W

18741 16Ed. 8/2/86 LAST NM 28/88
Change — Depth contour "400" to "450" (MCNM8049/88) N35/88
33°02.8'N 117°39.2'W

18741 16Ed. 8/2/86 LAST NM 35/88
Substitute — Depth 15 fathoms Wk for dangerous wreck (9fms rep) (PA) (NOS; 33/88 CG11) N37/88

Add — Buoy, yellow, QY (Priv maintd) 32°37.6'N 117°15.0'W

18741 16Ed. 8/2/86 LAST NM 37/88
Relocate — Buoy (32°44.8'N 117°22.2'W) to 32°42.1'N 117°29.4'W

18741 16Ed. 8/2/86 LAST NM 41/88
Delete — Buoy (36/88 CG11) N41/88
(See N37/88-18741) 32°44.0'N 117°20.7'W

18741 16Ed. 8/2/86 LAST NM 1/89
Delete — Buoy (50/88 CG11) N1/89
(Supersedes N41/88-18741) 32°42.1'N 117°29.4'W

Add — Buoy, yellow, Fl(5) Y 20s (Priv maintd) (10/89 CG11) N14/89
32°44.0'N 117°20.7'W

18741 16Ed. 8/2/86 LAST NM 14/89
Add — Buoys, each yellow, Fl Y 4s 32°43.4'N 117°21.2'W
(Priv maintd) (12/89 CG11) N16/89
"A" 32°46.4'N 117°21.4'W
"B" 32°48.0'N 117°33.1'W

18741 16Ed. 8/2/86 LAST NM 16/89
Delete — Operating area limits, centered (MCNM1046/89) N17/89
"P-1" 31°41.0'N 117°12.5'W
"P-2" 31°43.5'N 117°26.7'W
"P-3" 31°43.5'N 117°47.0'W
"P-4" 31°37.7'N 118°11.2'W

Add — Operating areas, each bound by chart border and purple screened dashed line
"P-1" joining 31°30.0'N 117°25.5'W
31°50.0'N 117°40.0'W
32°02.0'N 117°22.0'W
31°50.0'N 117°07.0'W
"P-2" joining 31°30.0'N 118°07.5'W
31°44.0'N 118°10.0'W
31°50.0'N 117°50.0'W
31°30.0'N 117°38.0'W
"P-3" joining 31°30.0'N 118°24.0'W
31°43.0'N 118°24.0'W
31°44.0'N 118°10.0'W
31°30.0'N 118°07.5'W
"P-4" joining 31°30.0'N 118°40.2'W
31°44.0'N 118°38.0'W
31°43.0'N 118°24.0'W
31°30.0'N 118°24.0'W

18741 16Ed. 8/2/86 LAST NM 17/89
Add — Depth 51 fathoms "Rep (1988)" (PA) (CL435, 436/89) N23/89
Dangerous submerged rock with legend 32°49.5'N 117°49.5'W
"1½fms rep" (PA) 33°24.1'N 118°29.4'W

★18744 26Ed. 6/21/86 NEW EDITION
Delete — Buoy (mooring) "CG4" (NOS) 41/86
33°46.6'N 118°25.9'W

Change — Fog signal of buoy "10" to BELL 33°46.4'N 118°26.6'W

Change — (Inset Marina Del Rey)
Designation of light "20" to "21" 33°58'50"N 118°26'55"W

★18744	26Ed. 6/21/86 LAST NM 41/86		(35/87 CG11) 42/87
	Relocate	Buoy "CG2C" (33°59'24"N 118°29'12"W) to	34°00'15.9"N 118°29'46.9"W
★18744	26Ed. 6/21/86 LAST NM 42/87		(48/87 CG11) 52/87
	Delete	Buoys (mooring) (6) in vicinity	33°54'33"N 118°26'07"W
	Relocate	Buoys (mooring) (33°54'39"N 118°26'34"W) to	33°54'37"N 118°26'30"W
		(mooring) (33°54'44"N 118°26'30"W)	33°54'42"N 118°26'26"W
		(mooring) (33°54'45"N 118°26'34"W)	33°54'49"N 118°26'29"W
		(mooring) (33°54'46"N 118°26'38"W)	33°54'51"N 118°26'37"W
		(mooring) (33°54'36"N 118°27'06"W)	33°54'33"N 118°27'07"W
		(mooring) (33°54'37"N 118°26'57"W)	33°54'36"N 118°26'55"W
		(mooring) (33°54'38"N 118°26'59"W)	33°54'43"N 118°26'53"W
		(mooring) (33°54'45"N 118°26'59"W)	33°54'48"N 118°26'57"W
		(mooring) (33°54'46"N 118°27'05"W)	33°54'50"N 118°27'04"W
		(mooring) (33°54'46"N 118°27'13"W)	33°54'52"N 118°27'10"W
		(mooring) (33°54'35"N 118°27'12"W)	33°54'33"N 118°27'10"W
		(mooring) (33°54'12"N 118°26'57"W)	33°54'08"N 118°26'52"W
		(mooring) (33°54'15"N 118°26'53"W)	33°54'16"N 118°26'48"W
		(mooring) (33°54'19"N 118°26'57"W)	33°54'23"N 118°26'52"W
★18744	26Ed. 6/21/86 LAST NM 52/87	(Inset King Harbor)	(41/88 CG11) 45/88
	Delete	Buoy (mooring)	33°50'29"N 118°23'41"W
★18746	26Ed. 9/3/88	NEW EDITION	(NOS: 37, 40, 45/88) 50/88
	Delete	Light	33°39.2'N 118°00.4'W
		Buoy (mooring)	33°38.8'N 117°59.4'W
		Designation "4HB" from buoy	33°38.3'N 117°59.1'W
	Add	Wreck	33°41.9'N 118°18.7'W
18746	26Ed. 9/3/88 LAST NM 50/88		(46/88 CG11) 51/88
	Relocate	Buoys "1" close SW to	33°43'00"N 118°06'42"W
		"2" close S	33°42'55"N 118°06'34"W
★18746	26Ed. 9/3/88 LAST NM 51/88		(48/88 CG11) 52/88
	Change	Buoy "2HB" to "HB", yellow, Fl Y 10s BELL (Priv maintd)	33°38.1'N 118°00.8'W
18746	26Ed. 9/3/88 LAST NM 52/88		(CL435/89) 23/89
	Add	Dangerous submerged rock with legend "1½fms rep" (PA)	33°24'06"N 118°29'24"W
★18749	28Ed. 11/22/86	NEW EDITION	(NOS: BP130987) 7/87
	Change	Legend to "LEFT QUARTER 34FT MIDDLE HALF 38FT RIGHT QUARTER 37FT FOR WIDTH OF 800-280FT NOV 1986"	33°43'10"N 119°06'25"W
18749	28Ed. 11/22/86 LAST NM 7/87		(NOS) 9/87
	Substitute	Depth 39 feet for 46 feet	33°43'06"N 118°16'02"W
	Change	Height of light "2" to 42ft	33°42'39"N 118°14'38"W
★18749	28Ed. 11/22/86 LAST NM 9/87		(2, 5, 6/87 CG11) 10/87
	Delete	Buoy "WR2"	33°44'21"N 118°14'20"W

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★18749	(Continued) Relocate	Buoys (mooring) "CG5A" close NW to "CG1" close NE "CG1" close NW	10/87 33°44′04.7″N 118°06′51.0″W 33°42′43.6″N 118°14′37.3″W 33°43′29.2″N 118°11′35.1″W
	Add	Buoys "A", yellow, Fl Y 4s "B", yellow, Fl Y 6s	33°42′00″N 118°09′45″W 33°42′00″N 118°12′00″W
★18749	28Ed. 11/22/86 LAST NM 10/87 Delete	Buoys (mooring) "A-4" "A-5" "A-6"	(18/87 CG11) 25/87 33°44′40″N 118°09′10″W 33°44′42″N 118°08′33″W 33°44′33″N 118°08′51″W
18749	28Ed. 11/22/86 LAST NM 25/87 Change	R Bn to 325 kHz •–••• •–	(26/87 CG11) 34/87 33°42′31″N 118°15′02″W
	Add	Buoys, white and orange bands	33°45′12.0″N 118°11′10.0″W 33°45′13.3″N 118°11′08.1″W 33°45′14.6″N 118°11′06.2″W 33°45′15.9″N 118°11′04.2″W 33°45′17.0″N 118°11′02.6″W 33°45′19.0″N 118°11′01.0″W 33°45′20.0″N 118°10′59.0″W 33°45′21.0″N 118°10′58.0″W 33°45′17.0″N 118°11′12.0″W 33°45′20.5″N 118°11′20.0″W 33°45′25.0″N 118°11′30.5″W 33°45′29.0″N 118°11′41.0″W 33°45′33.0″N 118°11′48.0″W
★18749	28Ed. 11/22/86 LAST NM 34/87 Delete	Buoys (mooring) "A-1" "A-2"	(34/87 CG11) 41/87 33°44′36″N 118°09′08″W 33°44′32″N 118°09′17″W
	Add	Buoys (mooring), each Q "CR-1" "CR-2" "CR-3"	33°44′32″N 118°09′02″W 33°44′25″N 118°09′21″W 33°44′23″N 118°08′46″W
18749	28Ed. 11/22/86 LAST NM 41/87 Add	Racon ––– to buoy "LA"	(42/87 CG11) 48/87 33°41′58″N 118°14′32″W
18749	28Ed. 11/22/86 LAST NM 48/87 Delete	Buoy	(44/87 CG11) 49/87 33°41′54″N 118°17′42″W
★18749	28Ed. 11/22/86 LAST NM 49/87 Substitute	Dangerous wreck for stranded wreck	(50/87 CG11) 3/88 33°42′35″N 118°16′41″W
	Add	Buoy (mooring)	33°44′18″N 118°08′06″W
★18749	28Ed. 11/22/86 LAST NM 3/88 Add	(And Inset) "EXPLOSIVE ANCHORAGE 110.215 (see note A)" area bound by shore, jetty, and purple solid line joining	(FED REG 1/14/88) 10/88 33°43′40″N 118°06′03″W 33°43′39″N 118°06′02″W 33°44′05″N 118°05′40″W 33°44′05″N 118°05′42″W
18749	28Ed. 11/22/86 LAST NM 10/88 Relocate	Light (33°45′29″N 118°10′50″W) to	(12/88 CG11) 16/88 33°45′31″N 118°10′55″W
★18749	28Ed. 11/22/86 LAST NM 16/88 Add	Buoys (mooring)	(17/88 CG11) 21/88 33°44′17″N 118°08′24″W 33°45′09″N 118°09′15″W
18749	28Ed. 11/22/86 LAST NM 21/88 Change	Visibility (range) of light to 15M	(30/88 CG11) 34/88 33°42′31″N 118°15′02″W
★18749	28Ed. 11/22/86 LAST NM 34/88 Delete	Buoy (mooring)	(42/88 CG11) 47/88 33°43′12″N 118°06′46″W

18749	28Ed. 11/22/86 LAST NM 47/88		(45/88 CG11) 49/88
	Add	Platforms with light Q	33°44'11.0"N 118°12'09.7"W
			33°44'10.1"N 118°12'08.9"W
			33°43'57.8"N 118°11'45.9"W
			33°43'55.2"N 118°11'03.4"W
			33°43'58.0"N 118°11'00.1"W
			33°44'10.0"N 118°11'00.0"W
			33°44'11.0"N 118°11'00.0"W
			33°44'17.4"N 118°11'03.1"W
★18749	28Ed. 11/22/86 LAST NM 49/88		(46/88 CG11) 51/88
	Relocate	Buoys "1" close SW to	33°43'00.1"N 118°06'39.0"W
		"2" close S	33°42'54.9"N 118°06'30.4"W
		"3" close NW	33°43'23.5"N 118°06'18.8"W
		"4" close E	33°43'18.3"N 118°06'10.2"W
★18749	28Ed. 11/22/86 LAST NM 51/88		(50/88 CG11) 1/89
	Relocate	Buoy (mooring) close W to	33°43'17"N 118°07'27"W
	Add	Buoys (mooring) Q	33°44'18"N 118°10'49"W
			33°44'08"N 118°10'46"W
18749	28Ed. 11/22/86 LAST NM 1/89		(15/89 CG11) 19/89
	Add	"SAFETY ZONE 165.1113 (See Note F)" area bound by shore and purple dashed line joining	33°44'19"N 118°12'15"W
			33°44'10"N 118°12'14"W
			33°43'52"N 118°11'42"W
			33°43'52"N 118°10'57"W
			33°44'19"N 118°10'57"W
			33°44'19"N 118°11'07"W
		Note "NOTE F Safety Zone 165.1113 has been established due to dredging and landfill activities associated with the expansion of Pier J which has created numerous hazards and shallowing depths. All vessels are prohibited from entering the waters included within the zone unless specifically authorized by the Captain of the Port."	33°46'30"N 118°15'00"W
★18749	28Ed. 11/22/86 LAST NM 19/89		(19/89 CG11) 24/89
	Add	Buoys (mooring) "A", Q	33°45'00"N 118°10'24"W
		"B", Q	33°45'00"N 118°10'18"W
★18751	31Ed. 10/25/86	NEW EDITION	(NOS) 8/87
	Change	Characteristic of light to QG (Previously published 48/86)	33°45'58.5"N 118°13'17.8"W
	Relocate	Buoy (mooring) "CG1" close NW to	33°43'36.2"N 118°16'08.1"W
		"CG2" close NW (Previously published 51/86)	33°43'37.8"N 118°16'08.9"W
★18751	31Ed. 10/25/86 LAST NM 8/87		(NOS; BP130536-42, 130552-55, 131148) 9/87
	Change	Note to "The controlling depth of 43 feet was available for the entire channel width, except as shown from Reservation Point to the Heim Lift Bridge. May 1986"	33°44'40"N 118°15'45"W
18751	31Ed. 10/25/86 LAST NM 9/87		(2, 5, 6/87 CG11) 10/87
	Delete	Buoy "WR2"	33°44'21"N 118°14'21"W
	Relocate	Buoys (mooring) "CG1" close NE to	33°42'43.6"N 118°14'37.3"W
		"CG1" close NW	33°43'29.2"N 118°11'35.1"W
	Add	Buoy "B", yellow, Fl Y 6s	33°42'00"N 118°12'00"W
18751	31Ed. 10/25/86 LAST NM 10/87		(18/87 CG11) 25/87
	Delete	Buoy (mooring) "A-4"	33°44'40"N 118°09'10"W

SUBREGION

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★18751	31Ed. 10/25/86 LAST NM 25/87		(25/87 CG11) 31/87
	Add	Lights, each F 13ft (Priv maintd)	
		"A"	33°45'53.5"N 118°13'10.6"W
		"B"	33°45'54.6"N 118°13'10.7"W
★18751	31Ed. 10/25/86 LAST NM 31/87		(26/87 CG11) 34/87
	Change	R Bn to 325 kHz •–•• •–	33°42'31"N 118°15'02"W
	Add	Buoys, white and orange bands	33°45'12.0"N 118°11'10.0"W
			33°45'13.3"N 118°11'08.1"W
			33°45'14.6"N 118°11'06.2"W
			33°45'15.9"N 118°11'04.2"W
			33°45'17.0"N 118°11'02.6"W
			33°45'19.0"N 118°11'01.0"W
			33°45'20.0"N 118°10'59.0"W
			33°45'21.0"N 118°10'58.0"W
			33°45'17.0"N 118°11'12.0"W
			33°45'20.5"N 118°11'20.0"W
			33°45'25.0"N 118°11'30.5"W
			33°45'29.0"N 118°11'41.0"W
			33°45'33.0"N 118°11'48.0"W
★18751	31Ed. 10/25/86 LAST NM 34/87		(27/87 CG11) 36/87
	Add	Light F 15ft (Priv maintd)	33°44'51"N 118°12'53"W
18751	31Ed. 10/25/86 LAST NM 36/87		(34/87 CG11) 41/87
	Delete	Buoys (mooring) "A-1"	33°44'36"N 118°09'08"W
		"A-2"	33°44'32"N 118°09'17"W
	Add	Buoys (mooring), each Q	
		"CR-1"	33°44'32"N 118°09'02"W
		"CR-2"	33°44'25"N 118°09'21"W
★18751	31Ed. 10/25/86 LAST NM 41/87		(42/87 CG11) 48/87
	Add	Racon ––– to buoy "LA"	33°41'57"N 118°14'32"W
18751	31Ed. 10/25/86 LAST NM 48/87		(50/87 CG11) 3/88
	Substitute	Dangerous wreck for stranded wreck	33°42'35.1"N 118°16'41.5"W
★18751	31Ed. 10/25/86 LAST NM 3/88		(12/88 CG11) 16/88
	Relocate	Lights	
		(33°45'28"N 118°10'50"W) to	33°45'31"N 118°10'55"W
		(33°45'27"N 118°10'51"W)	33°45'27"N 118°10'52"W
		(33°45'23"N 118°10'56"W)	33°45'24"N 118°10'56"W
18751	31Ed. 10/25/86 LAST NM 16/88		(17/88 CG11) 21/88
	Add	Buoy (mooring)	33°45'09"N 118°09'15"W
★18751	31Ed. 10/25/86 LAST NM 21/88		(23/88 CG11) 28/88
	Add	Legend "Subm piles Rep (1988)" (PA)	33°44'13"N 118°16'06"W
★18751	31Ed. 10/25/86 LAST NM 28/88		(30/88 CG11) 34/88
	Change	Visibility (range) of light to 15M	33°42'31"N 118°15'02"W
★18751	31Ed. 10/25/86 LAST NM 34/88		(35/88 CG11) 40/88
	Change	Color of buoy "1" to green	33°45'47"N 118°15'03"W
★18751	31Ed. 10/25/86 LAST NM 40/88		(45/88 G11) 49/88
	Add	Platforms with light Q	33°44'11.0"N 118°12'09.7"W
			33°44'10.1"N 118°12'08.9"W
			33°43'57.8"N 118°11'45.9"W
			33°43'55.2"N 118°11'03.4"W
			33°43'58.0"N 118°11'00.1"W
			33°44'10.0"N 118°11'00.0"W
			33°44'11.0"N 118°11'00.0"W
			33°44'17.4"N 118°11'03.1"W
18751	31Ed. 10/25/86 LAST NM 49/88		(50/88 CG11) 1/89
	Add	Buoys (mooring) Q	33°44'18"N 118°10'49"W
			33°44'08"N 118°10'46"W
★18751	31Ed. 10/25/86 LAST NM 1/89		(15/89 CG11) 19/89
	Add	"SAFETY ZONE 165.1113 (See Note F)" area bound by shore and purple dashed line joining	33°44'19"N 118°12'15"W
			33°44'10"N 118°12'14"W
			33°43'52"N 118°11'42"W

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★18751	(Continued) Add		19/89 33°43'52"N 118°10'57"W 33°44'19"N 118°10'57"W 33°44'19"N 118°11'07"W
		Note "NOTE F Safety Zone 165.1113 has been established due to dredging and landfill activities associated with the expansion of Pier J which has created numerous hazards and shallowing depths. All vessels are prohibited from entering the waters included within the zone unless specifically authorized by the Captain of the Port."	
★18751	31Ed. 10/25/86 LAST NM 19/89 Relocate	Buoy (mooring) close SW to	33°46'50"N 118°09'30"W (17/89 CG11) 21/89 33°44'43.4"N 118°14'14.5"W
	Add	Buoy (mooring)	33°44'44.3"N 118°14'04.7"W
★18751	31Ed. 10/25/86 LAST NM 21/89 Add	Buoys (mooring) "A", Q "B", Q	(19/89 CG11) 24/89 33°45'00"N 118°10'24"W 33°45'00"N 118°10'18"W
★18754	14Ed. 1/5/85 Add	NEW EDITION Tabulation of controlling depths from back of Section I (Previously published 7/85)	(NOS) 14/85
	Delete	Light "12" (Previously published 11/85)	33°36'42.6"N 117°54'25.9"W
	Add	Buoy "12", red, Fl R 2.5s (Previously published 11/85)	33°36'42.5"N 117°54'26.5"W
★18754	14Ed. 1/5/85 LAST NM 14/85 Change	Visibility (range) of light to 5M	(25/85 CG11) 28/85 33°35'56"N 117°52'55"W
★18754	14Ed. 1/5/85 LAST NM 28/85 Add	Dangerous wreck (PA)	(2/86 CG11) 5/86 33°36.0'N 117°53.0'W
★18754	14Ed. 1/5/85 LAST NM 5/86 Change	Color of buoy "1" to green	(11/86 CG11) 15/86 33°35'03.8"N 117°52'38.3"W
★18754	14Ed. 1/5/85 LAST NM 15/86 Change	Light "3" to Fl G 5s 44ft 14M HORN	(45/86 CG11) 48/86 33°35'18"N 117°52'43"W
★18754	14Ed. 1/5/85 LAST NM 48/86 Delete	Buoys "10" "12"	(53/86 CG11) 4/87 33°36'14"N 117°53'45"W 33°36'42"N 117°54'26"W
	Add	Lights "10" Fl R 2.5s 10ft 4M "12" Fl R 2.5s 10ft 4M	33°36'13.8"N 117°53'46.0"W 33°36'41.6"N 117°54'26.1"W
★18754	14Ed. 1/5/85 LAST NM 4/87 Add	Buoys, each orange and white bands (Priv maintd) "A" "B"	(4/88 CG11) 9/88 33°35'31"N 117°53'30"W 33°35'29"N 117°53'22"W
★18754	14Ed. 1/5/85 LAST NM 9/88 Add	Buoys, each white and orange bands (Priv maintd) "C" "D"	(29/88 CG11) 34/88 33°35'36"N 117°53'20"W 33°35'37"N 117°53'27"W
★18754	14Ed. 1/5/85 LAST NM 34/88 Add	Tabulation of controlling depths from back of Section I	(BP136351-54) 14/89
★18755	8Ed. 9/10/83	NEW EDITION	(NOS) 49/83
★18755	8Ed. 9/10/83 LAST NM 49/83 Change	Visibility (range) of light to 6M	(24/85 CG11) 27/85 33°15'30"N 119°27'54"W

★18755	8Ed. 9/10/83 LAST NM 27/85			(26/85 CG11) 29/85
	Add	Buoy (mooring) "CG"		33°13'00"N 119°29'13"W
18755	8Ed. 9/10/83 LAST NM 29/85			(40/85 CG11) 46/85
	Add	Stranded wreck (PA)		33°14'02"N 119°33'01"W
18755	8Ed. 9/10/83 LAST NM 46/85			(39/86 CG11) 43/86
	Change	Characteristic of light to Fl 5s and visibility (range) to 15M		33°15'29"N 119°27'54"W
18755	8Ed. 9/10/83 LAST NM 43/86			(FED REG 10/22/85) 37/87
	Change	Legends to "NAVAL RESTRICTED AREA "A" 334.980 (see note A)"		33°18'35"N 119°31'00"W
		"NAVAL RESTRICTED AREA "B" 334.980 (see note A)"		33°12'05"N 119°34'25"W
		"NAVAL RESTRICTED AREA "C" 334.980 (see note A)"		33°13'50"N 119°23'00"W
18755	8Ed. 9/10/83 LAST NM 37/87			(13/88 CG11) 18/88
	Add	Legend "(PA)" to lights		33°15'29"N 119°27'54"W 33°13'47"N 119°26'04"W 33°12'58"N 119°28'07"W
★18756	6Ed. 5/25/85	NEW EDITION		(NOS) 34/85
18756	6Ed. 5/25/85 LAST NM 34/85			(39/86 CG11) 43/86
	Change	Characteristic of light to Fl 5s and visibility (range) to 15M		33°29'14"N 119°01'46"W
★18756	6Ed. 5/25/85 LAST NM 43/86			(13/88 CG11) 18/88
	Add	Legend "(PA)" to light		33°29'14"N 119°01'45"W
★18756	6Ed. 5/25/85 LAST NM 18/88			(50/88 CG11) 1/89
	Delete	Buoy (mooring) "5"		33°28'43"N 119°02'42"W
★18757	9Ed. 6/20/87	NEW EDITION		(NOS) 37/87
18757	9Ed. 6/20/87 LAST NM 37/87			(NOS) 39/87
	Change	(Inset Catalina Harbor) Visibility (range) of light to 7M		33°25'25"N 118°30'47"W
18757	9Ed. 6/20/87 LAST NM 39/87			(13/88 CG11) 18/88
	Add	Legend "(PA)" to lights		33°28'43"N 118°36'18"W 33°24'22"N 118°21'56"W 33°18'07"N 118°19'00"W
★18757	9Ed. 6/20/87 LAST NM 18/88			(15/88 CG11) 19/88
	Add	Obscured sector 021°-070° to light		33°24'22"N 118°21'56"W
★18757	9Ed. 6/20/87 LAST NM 19/88			(45/88 CG11) 49/88
	Delete	(Inset Isthmus Cove) "Restricted Area 165.1110" centered		33°26'47"N 118°29'05"W
18757	9Ed. 6/20/87 LAST NM 49/88			(CL435/89) 23/89
	Add	Dangerous submerged rock with legend "1½fms rep" (PA)		33°24'06"N 118°29'21"W
★18758	3Ed. 2/1/86	NEW EDITION		(DMAHTC) N16/88
	Add	Note in right upper margin of chart "CAUTION 1 the values of variation indicated at the center of each compass rose are correct. The magnetic compass roses may be misaligned and should not be used for navigation."		
		Legend "SEE CAUTION 1 NOTE"		33°12'10"N 117°24'45"W 33°13'00"N 117°25'23"W
18758	3Ed. 2/1/86 LAST NM 16/86			(USCG LL) N37/88
	Change	Characteristic of light "4" to Fl R 5s and visibility (range) to 14M		33°12'19.3"N 117°23'58.0"W
18760	4Ed. 10/1/88	NEW EDITION		(DMAHTC) N32/88

18760	4Ed. 10/1/88 LAST NM 52/88 Delete	Buoy	(50/88 CG11) N1/89 32°42.1'N 117°29.4'W
18760	4Ed. 10/1/88 LAST NM 1/89 Delete	Buoy	(3/89 CG11) N7/89 33°55.0'N 119°44.1'W
	Add	Buoy, Fl Y (Navy maintd)	33°55.2'N 119°44.6'W
18760	4Ed. 10/1/88 LAST NM 7/89 Substitute	Depth 47 fathoms for 417 fathoms	(MCNM8186/88) N22/89 32°27.8'N 119°14.3'W
★18761	1Ed. 9/11/82	NEW CHART	(DMAHTC) N47/82
18761	1Ed. 9/11/82 LAST NM 47/82 Add	Dangerous wreck	(18/83 CH11) N27/83 33°02'03"N 118°34'28"W
18761	1Ed. 9/11/82 LAST NM 27/83 Add	Buoy, gray spherical, (Navy maintd)	(6/85 CG11) N11/85 33°01'06"N 118°32'53"W
18761	1Ed. 9/11/82 LAST NM 11/85 Add	Area bound by dashed-line circle, radius 750 yards, with legend "SHOALING to 71 FMS (Rep 1986)" centered (PA)	(MCNM/C0005/86) N38/86 33°01.0'N 118°31.5'W
18761	1Ed. 9/11/82 LAST NM 38/86 Change	Light to Fl 10s 125ft 17M Period of light to 5s and visibility (range) to 15M	(35/86 CG11) N39/86 33°00'14"N 118°33'05"W 33°01'49"N 118°35'42"W
18761	1Ed. 9/11/82 LAST NM 39/86 Change	Legends to "RESTRICTED AREA 334.920 (see note A)" "DANGER AREA 334.960 (see note A)"	(FED REG 10/22/85, 5/14/87) N31/87 32°59'18"N 118°31'05"W 32°57'45"N 118°35'15"W
	Add	"SECURITY ZONE 165.1111 (see note A)" bound by shore and purple composite line joining	33°01'25"N 118°33'43"W 33°02'11"N 118°32'13"W 32°58'40"N 118°29'15"W 32°57'54"N 118°31'17"W
★18762	13Ed. 12/26/87	NEW EDITION	(NOS) 12/88
18762	13Ed. 12/26/87 LAST NM 12/88 Add	Position circle with legend "TACAN NAVY SAN DIEGO CHANNEL 86"	(MCNM8031/87) 17/88 32°52'48"N 118°26'27"W
18762	13Ed. 12/26/87 LAST NM 17/88 Add	Legend "(PA)" to lights	(13/88 CG11) 18/88 33°01'49"N 118°35'46"W 33°01'26"N 118°33'49"W 33°00'14"N 118°33'09"W 32°58'32"N 118°31'54"W 32°49'13"N 118°21'14"W 32°48'13"N 118°25'34"W
★18763	8Ed. 5/18/85	NEW EDITION	(NOS) 31/85
★18763	8Ed. 5/18/85 LAST NM 31/85 Add	"RESTRICTED AREA" with legend "334.921 (see note A)" bound by shore and purple composite line joining	(FED REG 12/10/85) 2/86 33°00'40"N 118°35'27"W 32°58'30"N 118°36'40"W 32°57'45"N 118°38'38"W 32°59'20"N 118°38'38"W 32°59'30"N 118°37'30"W 33°00'52"N 118°36'18"W

18763 8Ed. 5/18/85 LAST NM 2/86
Add — Area bound by chart border and dashed-line arc of a circle, radius 750 yards, with legend "SHOALING to 71 FMS (Rep 1986)" centered (PA) — (MCNM/C0005/86) 38/86

★18763 8Ed. 5/18/85 LAST NM 38/86
Change — Period of light to 5s and visibility (range) to 15M — 33°01.0'N 118°31.5'W (35/86 CG11) 39/86

Change — (And Inset) Characteristic of light to Fl 10s and visibility (range) to 17M — 33°01'48"N 118°35'42"W

★18763 8Ed. 5/18/85 LAST NM 39/86
Change — Legends to "RESTRICTED AREA 334.920 (see note A)" "DANGER AREA 334.960 (see note A)" — 33°00'14"N 118°33'07"W (FED REG 10/22/85, 5/14/87) 31/87

Add — "SECURITY ZONE 165.1111 (see note A)" bound by shore and purple composite line joining — 32°59'05"N 118°31'18"W 32°58'25"N 118°35'28"W

"SAFETY ZONE 165.1112 (see note A)" bound by shore and purple dashed line joining — 33°01'25.0"N 118°33'43.0"W 33°02'11.0"N 118°32'13.5"W 32°58'40.5"N 118°29'15.5"W 32°57'54.0"N 118°31'17.2"W

★18763 8Ed. 5/18/85 LAST NM 31/87
Add — Legend "(PA)" to lights — 33°01'38.0"N 118°36'18.0"W 33°01'11.0"N 118°37'25.0"W 33°00'00.0"N 118°36'51.0"W 33°00'00.0"N 118°34'56.5"W (13/88 CG11) 18/88

Add — (And Inset) Legend "(PA)" to light — 33°01'49"N 118°35'42"W 33°01'24"N 118°33'46"W 32°58'31"N 118°31'51"W

★18764 6Ed. 5/26/84 — NEW EDITION — 33°00'14"N 118°33'07"W (NOS) 34/84

★18764 6Ed. 5/26/84 LAST NM 34/84
Delete — Buoys (mooring) (mooring) (mooring) — (5/85 CG11) 28/85 32°47'51"N 118°24'54"W 32°48'58"N 118°21'48"W 32°49'00"N 118°21'40"W

Platform and legend "Target" — 32°48'30"N 118°23'43"W

18764 6Ed. 5/26/84 LAST NM 28/85
Change — Characteristic of light to Fl 5s and visibility (range) to 15M — (39/86 CG11) 43/86

Characteristic of light to Fl 10s and visibility (range) to 16M — 32°48'14"N 118°25'29"W

★18764 6Ed. 5/26/84 LAST NM 43/86
Delete — Buoy (mooring) — 32°49'14"N 118°21'09"W (9/87 CG11) 13/87

18764 6Ed. 5/26/84 LAST NM 13/87
Change — Legends to "DANGER AREA 334.950 (see note A)" — 32°48'17.7"N 118°24'48.6"W (FED REG 10/22/85) 31/87

"DANGER AREA 334.970 (see note A)" — 32°48'19"N 118°21'22"W 32°47'42"N 118°23'35"W

★18764 6Ed. 5/26/84 LAST NM 31/87
Add — Legend "(PA)" to light — 32°47'16"N 118°26'31"W 32°48'28"N 118°27'24"W (13/88 CG11) 18/88

★18765 12Ed. 6/6/87 — NEW EDITION — 32°49'14"N 118°21'09"W (NOS) 37/87

18765	12Ed. 6/6/87 LAST NM 37/87		(NOS) 39/87
	Change	Characteristic of buoy "SD" to Mo(A)	32°37.3'N 117°14.7'W
		(And Inset)	
	Change	Characteristic of R Bn to — — —•••	32°45'31"N 117°15'22"W
	Add	Dangerous submerged rock	32°45'31"N 117°15'29"W
18765	12Ed. 6/6/87 LAST NM 39/87		(52/87 CG11) 5/88
	Add	Obstruction (covered 9 fathoms) with legend "Subm buoy"	32°33.3'N 117°10.0'W
★18765	12Ed. 6/6/87 LAST NM 5/88		(22/88 CG11) 28/88
	Delete	Light (Navy maintd) and legend "(Platform)" in vicinity	32°46'24"N 117°16'36"W
	Add	Obstruction (covered 5 fathoms)	32°46'21"N 117°16'04"W
18765	12Ed. 6/6/87 LAST NM 28/88		(33/88 CG11) 37/88
	Add	Buoy, yellow, QY (Priv maintd)	32°42.1'N 117°29.4'W
★18765	12Ed. 6/6/87 LAST NM 37/88		(36/88 CG11) 41/88
	Relocate	Buoy (32°44.8'N 117°22.2'W, to	32°44.0'N 117°20.7'W
18765	12Ed. 6/6/87 LAST NM 41/88		(38/88 CG11) 42/88
	Change	Color of buoy to green	32°39'08"N 117°13'34"W
18765	12Ed. 6/6/87 LAST NM 42/88		(37/88 CG11) 44/88
	Change	Color of buoy "3" to green	32°38'13"N 117°14'10"W
18765	12Ed. 6/6/87 LAST NM 44/88		(50/88 CG11) 1/89
	Delete	Buoy (Supersedes 37/88-18765)	32°42.1'N 117°29.4'W
★18765	12Ed. 6/6/87 LAST NM 1/89		(10/89 CG11) 14/89
	Delete	Buoy (Supersedes 41/88-18765)	32°44.0'N 117°20.7'W
	Add	Buoy, yellow, Fl(5) Y 20s (Priv maintd)	32°43.4'N 117°21.2'W
18765	12Ed. 6/6/87 LAST NM 14/89		(12/89 CG11) 16/89
	Add	Buoys, each yellow, Fl Y 4s (Priv maintd)	
		"A"	32°46.4'N 117°21.4'W
		"B"	32°48.0'N 117°33.1'W
18765	12Ed. 6/6/87 LAST NM 16/89		(CL436/89) 23/89
	Add	Depth 51 fathoms "Rep (1988)" (PA)	32°49'30"N 117°49'24"W
★18766	7Ed. 11/26/83	NEW EDITION	(DMAHTC) 12/84
	Delete	Buoy (Previously published 9/84)	32°41.0'N 117°57.0'W
		Legend "Rep missing (1982)"	31°51.4'N 116°46.8'W
18766	7Ed. 11/26/83 LAST NM 12/84		(13/84 CG11) 16/84
	Change	Buoy "1" to green, Fl G 6sec BELL (See 48/83-18766)	32°45.4'N 117°15.6'W
18766	7Ed. 11/26/83 LAST NM 16/84		(18/84 CG11) 21/84
	Add	Dangerous wreck (PA)	32°39.8'N 117°14.0'W
18766	7Ed. 11/26/83 LAST NM 21/84		(32/84 CG11) 36/84
	Delete	Buoy "1" (See 16/84-18766)	32°45.4'N 117°15.6'W
	Add	Light, Fl G 4s 5M	32°45'30"N 117°15'33"W
18766	7Ed. 11/26/83 LAST NM 36/84		(US CH 18740) 39/84
	Substitute	Depth 2¼ fathoms for 2¾ fathoms	32°41'09"N 117°15'56"W
	Add	Position circle "R Tr"	32°41'38"N 117°07'18"W
		Light (AERO)	32°43'40"N 117°10'46"W
18766	7Ed. 11/26/83 LAST NM 39/84		(3/85 CG11) 9/85
	Add	Buoy (wavemeter), orange and white, Fl Y	32°44.8'N 117°22.2'W
18766	7Ed. 11/26/83 LAST NM 9/85		(7/85 CG11; 12(5238)83 Mexico, D.F.) 11/85
	Delete	HORN from light	32°46.4'N 117°16.2'W

(continued on next page)

18766	(Continued) Add	Light Fl(4) 5s 157ft	11/85 32°32.0'N 117°07.2'W
18766	7Ed. 11/26/83 LAST NM 11/85 Add	HORN to light (See 36/84-18766)	(9/85 CG11) 12/85 32°45'30"N 117°15'33"W
18766	7Ed. 11/26/83 LAST NM 12/85 Add	Dangerous wreck (PA)	(45/85 CG11) 49/85 32°47.2'N 117°16.6'W
18766	7Ed. 11/26/83 LAST NM 49/85 Delete	HORN from light	(11/86 CG11) 15/86 32°45'30"N 117°15'33"W
18766	7Ed. 11/26/83 LAST NM 15/86 Delete	Light (Supersedes 15/86-18766)	(15/86 CG11) 19/86 32°45'30"N 117°15'33"W
18766	7Ed. 11/26/83 LAST NM 19/86 Add	Buoy "1", G, Fl G 4s BELL	(19/86 CG11) 22/86 32°45'28"N 117°15'45"W
18766	7Ed. 11/26/83 LAST NM 22/86 Change	Characteristic of light to Fl 5s and visibility (range) to 15M	(39/86 CG11) 43/86
		Characteristic of light to Fl 10s and visibility (range) to 16M	32°48.2'N 118°25.5'W 32°49.2'N 118°21.2'W
18766	7Ed. 11/26/83 LAST NM 43/86 Delete	Buoy	(53/86 CG11) 4/87 32°04.0'N 118°11.3'W
18766	7Ed. 11/26/83 LAST NM 4/87 Add	R Bn 317 kHz -- -•••	(11, 12/87 CG11) 18/87 32°45.5'N 117°15.4'W
18766	7Ed. 11/26/83 LAST NM 18/87 Add	Obstruction (covered 9 fathoms) with legend "Subm buoy"	(52/87 CG11) 5/88
18766	7Ed. 11/26/83 LAST NM 5/88 Change	Light to Fl 22M	32°33.3'N 117°10.0'W (8(34)87 Mexico D.F.) 9/88
18766	7Ed. 11/26/83 LAST NM 9/88 Add	Position circle with legend "TACAN NAVY SAN DIEGO CHANNEL 86"	32°23.4'N 117°14.4'W (MCNM8031/87) 17/88
18766	7Ed. 11/26/83 LAST NM 17/88 Delete	Light	32°52.8'N 118°26.4'W (22/88 CG11) 28/88 32°46.4'N 117°16.1'W
18766	7Ed. 11/26/83 LAST NM 28/88 Add	Buoy, yellow, QY (Priv maintd)	(33/88 CG11) 37/88 32°42.1'N 117°29.4'W
18766	7Ed. 11/26/83 LAST NM 37/88 Relocate	Buoy (32°44.8'N 117°22.2'W) to	(36/88 CG11) 41/88 32°44.0'N 117°20.7'W
18766	7Ed. 11/26/83 LAST NM 41/88 Delete	Buoy (Supersedes 37/88-18766)	(50/88 CG11) 1/89 32°42.1'N 117°29.4'W
18766	7Ed. 11/26/83 LAST NM 1/89 Delete	Buoy (Supersedes 41/88-18766)	(10/89 CG11) 14/89 32°44.0'N 117°20.7'W
	Add	Buoy, yellow, Fl(5) Y 20s (Priv maintd)	32°43.4'N 117°21.2'W
18766	7Ed. 11/26/83 LAST NM 14/89 Add	Buoys, each yellow, Fl Y 4s (Priv maintd) "A" "B"	(12/89 CG11) 16/89 32°46.4'N 117°21.4'W 32°48.0'N 117°33.1'W
18766	7Ed. 11/26/83 LAST NM 16/89 Add	Depth 51 fathoms "Rep (1988)" (PA)	(CL436/89) 23/89 32°49.5'N 117°49.4'W
★18768	2Ed. 6/29/85	NEW EDITION	(DMAHTC) N37/85
18768	2Ed. 6/29/85 LAST NM 37/85 Add	Dangerous wreck (PA)	(45/85 CG11) N49/85 32°47.2'N 117°16.6'W
18768	2Ed. 6/29/85 LAST NM 49/85 Delete	HORN from light	(11/86 CG11) N15/86 32°45.4'N 117°15.5'W

18768	2Ed. 6/29/85 LAST NM 15/86		(15/86 CG11) N19/86
	Delete	Light	32°45.4'N 117°15.5'W
		(Supersedes N15/86-18768)	
18768	2Ed. 6/29/85 LAST NM 19/86		(19/86 CG11) N22/86
	Add	Buoy "1", G, Fl G 4s BELL	32°45'28"N 117°15'45"W
18768	2Ed. 6/29/85 LAST NM 22/86		(MCNM7785/86) N34/86
	Relocate	Position circle "Tr" (32°50.6'N 117°15.5'W) to	32°50'19"N 117°14'55"W
	Add	Position circle "Tr"	32°45'53"N 117°13'33"W
18768	2Ed. 6/29/85 LAST NM 34/86		(39/86 CG11) N43/86
	Change	Characteristic of light to Fl 5s and visibility (range) to 15M	32°48.5'N 118°25.5'W
		Characteristic of light to Fl 10s and visibility (range) to 16M	32°49.2'N 118°21.2'W
18768	2Ed. 6/29/85 LAST NM 43/86		(53/86 CG11) N4/87
	Delete	Buoy	32°04.0'N 118°11.3'W
18768	2Ed. 6/29/85 LAST NM 4/87		(11, 12/87 CG11) N18/87
	Add	R Bn 317 kHz -- ----	32°45.5'N 117°15.4'W
18768	2Ed. 6/29/85 LAST NM 18/87		(MCNM8031/87) N2/88
	Add	Position circle with legend "TACAN NAVY SAN DIEGO CHANNEL 86"	32°52.8'N 118°26.4'W
18768	2Ed. 6/29/85 LAST NM 2/88		(52/87 CG11) N5/88
	Add	Obstruction (covered 9 fathoms) with legend "Subm buoy"	32°33.3'N 117°10.0'W
18768	2Ed. 6/29/85 LAST NM 5/88		(22/88 CG11) N28/88
	Delete	Light	32°46.4'N 117°16.2'W
18768	2Ed. 6/29/85 LAST NM 28/88		(33/88 CG11) N37/88
	Add	Buoy, yellow, QY (Priv maintd)	32°42.1'N 117°29.4'W
18768	2Fd. 6/29/85 LAST NM 37/88		(36/88 CG11) N41/88
	Relocate	Buoy (32°44.8'N 117°22.2'W) to	32°44.0'N 117°20.7'W
18768	2Ed. 6/29/85 LAST NM 41/88		(50/88 CG11) N1/89
	Delete	Buoy (Supersedes N37/88-18768)	32°42.1'N 117°29.4'W
18768	2Ed. 6/29/85 LAST NM 1/89		(10/89 CG11) N14/89
	Delete	Buoy (Supersedes N41/88-18768)	32°44.0'N 117°20.7'W
	Add	Buoy, yellow, Fl(5) Y 20s (Priv maintd)	32°43.4'N 117°21.2'W
18768	2Ed. 6/29/85 LAST NM 14/89		(12/89 CG11) N16/89
	Add	Buoys, each yellow, Fl Y 4s (Priv maintd) "A"	32°46.4'N 117°21.4'W
		"B"	32°48.0'N 117°33.1'W
18768	2Ed. 6/29/85 LAST NM 16/89		(CL436/89) N23/89
	Add	Depth 51 fathoms "Rep (1988)" (PA)	32°49.5'N 117°49.4'W
*18771	2Ed. 4/5/80	NEW EDITION	(DMAHTC) N34/80
18771	2Ed. 4/5/80 LAST NM 34/80		(CL1465/82; BP118355) N4/83
	Delete	Purple dashed lines centered Note: Legend "SEWER" remains	32°40'20"N 117°16'49"W
	Add	Purple dashed lines joining	32°40'33"N 117°16'00"W
			32°40'20"N 117°16'58"W
			32°40'07"N 117°17'01"W
		between	32°40'20"N 117°16'58"W
			32°40'31"N 117°17'08"W
18771	2Ed. 4/5/80 LAST NM 4/83		(3/85 CG11) N9/85
	Add	Buoy (wavemeter), orange and white, Fl Y	32°44.8'N 117°22.2'W

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18771	2Ed. 4/5/80 LAST NM 9/85		
	Add	Dangerous wreck (PA)	(45/85 CG11) N49/ 30°47.2'N 117°16.6'
★18771	2Ed. 4/5/80 LAST NM 49/85		
	Add	Dangerous wreck (PA) (Cancels N49/85-18771)	(45/85 CG11) N52/ 32°47.2'N 117°16.6'
18771	2Ed. 4/5/80 LAST NM 52/85		
	Delete	Light (Navy maintd)	(22/88 CG11) N28/ 32°46'20"N 117°16'03"W
	Add	Obstr (covered 5 fathoms)	32°46'21"N 117°16'04"W
18771	2Ed. 4/5/80 LAST NM 28/88		
	Add	Buoy, yellow, QY (Priv maintd)	(33/88 CG11) N37/ 32°42.1'N 117°29.4'W
18771	2Ed. 4/5/80 LAST NM 37/88		
	Relocate	Buoy (32°44.8'N 117°22.2'W) to	(36/88 CG11) N41/ 32°44.0'N 117°20.7'W
18771	2Ed. 4/5/80 LAST NM 41/88		
	Delete	Buoy (Supersedes N37/88-18771)	(50/88 CG11) N1/ 32°42.1'N 117°29.4'W
18771	2Ed. 4/5/80 LAST NM 1/89		
	Delete	Buoy (Supersedes N41/88-18771)	(10/89 CG11) N14/ 32°44.0'N 117°20.7'W
	Add	Buoy, yellow, Fl(5) Y 20s (Priv maintd)	32°43.4'N 117°21.2'W
★18772	43Ed. 12/26/87	NEW EDITION	
	Add	Obstruction (covered 9 fathoms) with legend "Subm buoy"	(NOS. 52/87 CG11) 12/88 32°33'18"N 117°10'03"W
18772	43Ed. 12/26/87 LAST NM 12/88		
	Change	Legend to "40½ FEET FOR MID-WIDTH OF 600 FEET MAY 1988"	(BP135060-61, 26/88 CG11) 32/88 32°39'30"N 117°13'36"W
	Add	Stranded wreck marked by buoy, white and orange bands, Q	32°41'11.7"N 117°13'38.3"W
18772	43Ed. 12/26/87 LAST NM 32/88		
	Change	Color of buoy "5" to green	(38/88 CG11) 42/88 32°39'08"N 117°13'38"W
18772	43Ed. 12/26/87 LAST NM 42/88		
	Change	Color of buoy "3" to green	(37/88 CG11) 44/88 32°38'13"N 117°14'13"W
18772	43Ed. 12/26/87 LAST NM 44/88		
	Delete	Wreck and buoy (See 32/88-18772)	(50/88 CG11) 1/89 32°41'12"N 117°13'38"W
★18773	31Ed. 6/18/88	NEW EDITION	
	Delete	Buoy "1"	(NOS. BP135060-61, 26, 27/88 CG11) 40/88 32°43'21"N 117°10'44"W
	Change	Legend to "40½ FEET FOR MID-WIDTH 0F 600 FEET MAY 1988"	32°40'23"N 117°13'44"W
	Add	Stranded wreck marked by buoy, white and orange bands, Q	32°41'11.7"N 117°13'38.3"W
		Dangerous wreck (covered 20 feet) marked by buoy, white and orange bands, Fl	
		(covered 4 feet) marked by buoy, white and orange bands, Q	32°42'51.0"N 117°13'23.9"W
		(Mast) marked by buoy, white and orange bands, Q	32°43'04.0"N 117°13'08.2"W
		marked by buoy, white and orange bands, Q	32°39'25.9"N 117°07'45.1"W 32°39'14.3"N 117°07'17.9"W
★18773	31Ed. 6/18/88 LAST NM 40/88		
	Change	Color of buoy "5" to green	(38/88 CG11) 42/88 32°39'08"N 117°13'38"W
★18773	31Ed. 6/18/88 LAST NM 42/88		
	Delete	Wreck and buoy (See 40/88-18773)	(50/88 CG11) 1/89 32°41'12"N 117°13'38"W 32°42'51"N 117°13'24"W 32°43'04"N 117°13'08"W

18773 31Ed. 6/18/88 LAST NM 1/89
Change — Buoys, each to orange and white bands (Priv maintd)
"C" (29/88 CG11) 10/89
"B" 32°42'41.3"N 117°14'08.5"W
Add — Buoy "A", orange and white bands (Priv maintd) 32°42'42.5"N 117°14'06.8"W
32°42'43.7"N 117°14'05.1"W

★18773 31Ed. 6/18/88 LAST NM 10/89
Add — Stranded wreck marked by buoys, orange and white bands, Fl (Priv maintd) (PA) (8/89 CG11) 12/89
32°43'26"N 117°11'00"W
32°39'43"N 117°07'51"W
32°40'52"N 117°09'48"W
32°43'04"N 117°13'06"W

★18774 5Ed. 5/9/87 NEW EDITION

18774 5Ed. 5/9/87 LAST NM 34/87
Delete — Platform and legend "Target" (NOS) 34/87

18774 5Ed. 5/9/87 LAST NM 35/87
(And Inset) (NOS) 35/87
Change — Visibility (range) of light "4" to 14M 32°48'30"N 118°23'44"W

18774 5Ed. 5/9/87 LAST NM 13/88
Change — Light to Fl 5s 71ft 15M (PA) and add obscured sector 021°-070° (NOS) 13/88
33°12'21"N 117°23'55"W

★18774 5Ed. 5/9/87 LAST NM 19/88
(Inset) (13, 15/88 CG11) 19/88
Relocate — Buoys, "B" close E to (undesignated) close E 33°24'22"N 118°21'56"W

18774 5Ed. 5/9/87 LAST NM 43/88
(Inset) (39/88 CG11) 43/88
Relocate — Buoy "SJ" close E to (See 43/88-18774) 33°12'31.3"N 117°23'49.7"W
33°12'30.0"N 117°23'53.0"W

18774 5Ed. 5/9/87 LAST NM 47/88
Add — Buoy "B", yellow, Fl Y 4s (Priv maintd) (39/88 CG11) 47/88
33°12'30.0"N 117°23'53.0"W

18774 5Ed. 5/9/87 LAST NM 16/89
Add — Depth 51 fathoms "Rep (1988)" (PA) (12/89 CG11) 16/89
32°48.0'N 117°33.1'W

★18775 2Ed. 7/23/88 NEW EDITION

18775 2Ed. 7/23/88 LAST NM 40/88
Change — Designation letters "i" to "j" and "j" to "k" in SUBDIVISION OF A 2000 YARD SQUARE in lower right margin of chart (CL436/89) 23/89
32°49'30"N 117°49'24"W

(DMAHTC) N40/88

(MCNM8173/88) N48/88

SUBJECTS
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6Ed. 9/7/85	NEW EDITION	(DMAHTC) N45/85
6Ed. 9/7/85 LAST NM 45/85		(30, 43/85 CG14) N46/85
Change	Light to Fl 2.5s 67ft 7M	21°34'39"N 158°16'56"W
Add	Height 116ft to light	20°14'59"N 155°46'29"W
	Light Fl 10s 931ft 25M (PA)	21°34'31"N 158°16'00"W
6Ed. 9/7/85 LAST NM 46/85		(HNNM7624/85, NOS) N50/85
Delete	Blue lines (operating area) joining	22°03.5'N 160°47.0'W
		22°03.0'N 160°21.5'W
		22°00.0'N 160°21.5'W
	between	21°00.0'N 158°13.0'W
		20°51.0'N 158°13.0'W
	joining	20°56.5'N 157°49.2'W
		20°56.9'N 157°47.1'W
		20°52.2'N 157°45.7'W
	isetween	22°00'00"N 160°00'00"W
		22°00'00"N 159°50'00"W
Change	Color of arcs to purple (airspace warning area) between	20°53'18"N 158°08'38"W
		20°51'40"N 157°47'45"W
	between	20°57'46"N 158°06'23"W
		20°55'50"N 157°54'58"W
	Color of line to purple (airspace warning area) between	20°57'46"N 158°06'23"W
		20°54'30"N 158°08'00"W
	Color of lines to blue (operating area) between	20°55'00"N 158°00'00"W
		20°54'30"N 158°08'00"W
	between	22°01'45"N 160°47'00"W
		22°00'00"N 160°21'45"W
	Characteristic of light to F	19°33'54"N 155°57'54"W
Add	Blue line lesser arc of a circle (operating area) between	21°47'50"N 160°17'58"W
		21°45'30"N 160°15'45"W
	Blue lines (operating area) between	21°00'00"N 158°10'57"W
		20°54'40"N 158°10'57"W
	between	20°56'30"N 157°49'13"W
		20°51'40"N 157°47'45"W
	between	20°55'30"N 157°54'58"W
		20°55'00"N 158°00'00"W
	between	21°58'30"N 159°48'40"W
		21°58'40"N 160°00'00"W
	Legend "NOTE D"	20°56'00"N 158°05'00"W
	Note in upper left margin of chart "NOTE D AREA IN W-196 THAT OVERLIES E-2 AND ST-5 IS A NON- FIRING AREA."	
	Sector red 110°-120° to light	19°38'30"N 156°00'02"W
6Ed. 9/7/85 LAST NM 50/85		(49/85 CG14) N52/85
Add	Superbuoy ODAS, "51005", yellow, Fl(4) Y 20s	20°21.0'N 156°04.3'W
6Ed. 9/7/85 LAST NM 52/85		(23/86 CG14) N27/86
Change	Visibility (range) of light to 25M	21°12.8'N 156°58.2'W
6Ed. 9/7/85 LAST NM 27/86		(13, 14/87 CG14) N22/87
Delete	Visibility (range) from lights	19°33.9'N 155°57.9'W
Add	Light Iso 6s 27ft	19°40'23"N 156°01'44"W

SUBREGION 19

19002 6Ed. 9/7/85 LAST NM 22/87
Delete Danger circle "Obstr" (17/87 CG14) N24/87
19°56.4'N 156°09.8'W

19002 6Ed. 9/7/85 LAST NM 24/87
Delete Visibility (range) from light "6" (25/87 CG14) N33/87
21°05.0'N 157°01.9'W

19002 6Ed. 9/7/85 LAST NM 33/87
Change Height of light to 156ft (26/87 CG14) N36/87
19°31.1'N 154°48.8'W

19002 6Ed. 9/7/85 LAST NM 36/87
Delete Light flare symbol (39/87 CG14) N45/87
21°54.0'N 159°35.5'W

19002 6Ed. 9/7/85 LAST NM 45/87
Change Visibility (range) of light to 25M (32/87 CG14) N46/87
22°14.0'N 159°24.5'W

19002 6Ed. 9/7/85 LAST NM 46/87
Change Legends to "RESTRICTED AREA
334.1410 (see note A)" (FED REG 10/22/85) N47/87
21°21.5'N 157°33.0'W

"DANGER ZONE
334.1380 (see note A)"
21°30.0'N 157°36.5'W

"DANGER AREA
334.1350 (see note A)"
21°43.0'N 158°18.0'W

"DANGER ZONE
334.1390 (see note A)"
22°05.0'N 159°53.0'W

19002 6Ed. 9/7/85 LAST NM 47/87
Add Obstruction (covered 13 fathoms)
with legend "Subm buoy" (49/87 CG14) N2/88
21°20.7'N 158°11.8'W

19002 6Ed. 9/7/85 LAST NM 2/88
Change Visibility (range) of light to 11M (3/88 CG14) N8/88
22°09.0'N 159°17.9'W

19002 6Ed. 9/7/85 LAST NM 8/88
Add Depth 255 fathoms (MCNM8066/88) N11/88
21°53.6'N 159°55.7'W

19002 6Ed. 9/7/85 LAST NM 11/88
Change Visibility (range) of light to 8M (15/88 CG14) N18/88
20°55.9'N 156°59.4'W

19002 6Ed. 9/7/85 LAST NM 18/88
Add Sectors red 064°-068°, white-070°,
green-074° to light (28/88 CG14) N34/88
19°33.9'N 155°57.9'W

19002 6Ed. 9/7/85 LAST NM 34/88
Delete Legends "R-3104" (MCNM8155/88) N42/88
"R-3107" 20°28.5'N 156°27.8'W
Note: Purple arrows remain 21°41.2'N 160°25.8'W

Add Legends "R-3104A LOWER" 20°29.5'N 156°23.7'W
"R-3104B UPPER" 20°27.5'N 156°23.7'W
"R-3107A LOWER" 21°43.2'N 160°22.7'W
"R-3107B UPPER" 21°41.5'N 160°22.2'W

19002 6Ed. 9/7/85 LAST NM 42/88
Delete Obstruction and legend "Subm buoy" (3/89 CG14) N7/89
21°20.7'N 158°11.8'W

Add Obstruction (covered 17 fathoms)
with legend "Subm buoy"
21°20.6'N 158°11.5'W

19002 6Ed. 9/7/85 LAST NM 7/89
Change Color of arcs to blue (HNNM7624/85) N22/89
(operating area) between
20°57.8'N 158°06.4'W
20°55.8'N 157°55.0'W

between
20°57.8'N 158°06.4'W
Color of line to brown 20°54.5'N 158°08.0'W
(submarine transit lanes) between
20°55.0'N 158°00.0'W
20°54.5'N 158°08.0'W

★**19004** 31Ed. 3/18/89 NEW EDITION (NOS) 19/89

★**19007** 14Ed. 1/7/89 NEW EDITION (NOS) 13/89

★19008	4Ed. 11/3/84	NEW EDITION	(DMAHTC; NVS7375/84) 3/85
	Add	Superbuoy ODAS "51002", yellow, Fl(4) Y 20s	17°11.4'N 157°49.8'W
19008	4Ed. 11/3/84 LAST NM 3/85		(HNNM0002/85) 26/85
	Add	Depth 11 fathoms "Rep (1985)" (PA)	22°00.8'N 159°48.3'W
19008	4Ed. 11/3/84 LAST NM 26/85		(26/85 CG14) 29/85
	Change	Visibility (range) of light to 12/9M	19°43.8'N 156°03.8'W
19008	4Ed. 11/3/84 LAST NM 29/85		(43/85 CG14) 46/85
	Change	Light to Fl 2.5s 67ft 7M	21°34'39"N 158°16'56"W
	Add	Light Fl 10s 931ft 25M (PA)	21°34'31"N 158°16'00"W
19008	4Ed. 11/3/84 LAST NM 46/85		(49/85 CG14) 52/85
	Add	Superbuoy ODAS, "51005", yellow, Fl(4) Y 20s	20°21.0'N 156°04.3'W
19008	4Ed. 11/3/84 LAST NM 52/85		(50/85 CG14) 2/86
	Change	Visibility (range) of light to 10M	19°38.5'N 156°00.2'W
19008	4Ed. 11/3/84 LAST NM 2/86		(23/86 CG14) 27/86
	Change	Visibility (range) of light to 25M	21°12.5'N 156°58.2'W
19008	4Ed. 11/3/84 LAST NM 27/86		(13, 15/87 CG14) 22/87
	Delete	Visibility (range) from lights	19°43.8'N 156°03.9'W 19°38.9'N 156°00.5'W
	Add	Light Fl R 7.5s 44ft 13M	20°52.5'N 156°40.9'W
19008	4Ed. 11/3/84 LAST NM 22/87		(USCG LL) 31/87
	Add	Visibility (range) to lights 12/9M 13/10M (See 22/87-19008)	19°43.8'N 156°03.9'W 19°38.9'N 156°00.5'W
★19008	4Ed. 11/3/84 LAST NM 31/87		(26/87 CG14) 36/87
	Change	Height of light to 156ft	19°31.1'N 154°48.8'W
		Characteristic of light to Fl 6s (See 31/87-19008)	19°43.8'N 156°03.8'W
	Add	Superbuoys, each ODAS, yellow, Fl(4) Y 20s "51003" "51004"	 19°11.0'N 160°49.2'W 17°31.9'N 152°37.1'W
19008	4Ed. 11/3/84 LAST NM 36/87		(27/87 CG14) 37/87
	Change	Characteristic of light to Fl 6s	20°44.1'N 156°58.0'W
19008	4Ed. 11/3/84 LAST NM 37/87		(31/87 CG14) 44/87
	Change	Characteristic of light to Oc(2) 10s Light to Fl 7½s 85ft 24M	21°15.5'N 157°48.7'W 21°18.0'N 158°06.5'W
19008	4Ed. 11/3/84 LAST NM 44/87		(32/87 CG14) 46/87
	Change	Visibility (range) of light to 25M	22°14.0'N 159°24.5'W
19008	4Ed. 11/3/84 LAST NM 46/87		(MCNM8066/88) 11/88
	Add	Depth 255 fathoms	21°53.6'N 159°55.7'W
★19009	4Ed. 2/16/85	NEW EDITION	(DMAHTC) 17/85
19009	4Ed. 2/16/85 LAST NM 17/85		(HNNM0002/85) 26/85
	Add	Depth 11 fathoms "Rep (1985)" (PA)	22°00.8'N 159°48.3'W
19009	4Ed. 2/16/85 LAST NM 26/85		(26/85 CG14) 29/85
	Change	Visibility (range) of light to 12/9M	19°43.8'N 156°03.8'W
19009	4Ed. 2/16/85 LAST NM 29/85		(43/85 CG14) 46/85
	Change	Light to Fl 2.5s 67ft 7M	21°34'39"N 158°16'56"W
	Add	Light Fl 10s 931ft 25M (PA)	21°34'31"N 158°16'00"W
19009	4Ed. 2/16/85 LAST NM 46/85		(49/85 CG14) 52/85
	Add	Superbuoy ODAS, "51005", yellow, Fl(4) Y 20s	20°21.0'N 156°04.3'W
19009	4Ed. 2/16/85 LAST NM 52/85		(50/85 CG14) 2/86
	Change	Visibility (range) of light to 10M	19°38.5'N 156°00.2'W

SUBREGION

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19009	4Ed. 2/16/85 LAST NM 2/86		
	Change	Visibility (range) of light to 25M	(23/86 CG14) 27/86 21°12.5'N 156°58.2'W
19009	4Ed. 2/16/85 LAST NM 27/86		
	Delete	Visibility (range) from lights	(13, 15/87 CG14) 22/87 19°43.8'N 156°03.9'W 19°38.9'N 156°00.5'W
	Add	Light Fl R 7.5s 44ft 13M	20°52.5'N 156°40.9'W
19009	4Ed. 2/16/85 LAST NM 22/87		
	Add	Visibility (range) to lights 12/9M 13/10M (See 22/87-19009)	(USCG LL) 31/87 19°43.8'N 156°03.9'W 19°38.9'N 156°00.5'W
19009	4Ed. 2/16/85 LAST NM 31/87		
	Change	Height of light to 156ft Characteristic of light to Fl 6s (See 31/87-19009)	(26/87 CG14) 36/87 19°31.1'N 154°48.8'W 19°43.8'N 156°03.8'W
	Add	Superbuoys, each ODAS, yellow, Fl(4) Y 20s "51003" "51004"	19°11.0'N 160°49.2'W 17°31.9'N 152°37.1'W
19009	4Ed. 2/16/85 LAST NM 36/87		
	Change	Characteristic of light to Fl 6s	(27/87 CG14) 37/87 20°44.1'N 156°58.0'W
19009	4Ed. 2/16/85 LAST NM 37/87		
	Change	Characteristic of light to Oc 2) 10s Light to Fl 7½s 85ft 24M	(31/87 CG14) 44/87 21°15.5'N 157°48.7'W 21°18.0'N 158°06.5'W
19009	4Ed. 2/16/85 LAST NM 44/87		
	Change	Visibility (range) of light to 25M	(32/87 CG14) 46/87 22°14.0'N 159°24.5'W
19009	4Ed. 2/16/85 LAST NM 46/87		
	Add	Depth 255 fathoms	(MCNM8066/88) 11/88 21°53.6'N 159°55.7'W

★**19010**	12Ed. 2/1/86	NEW EDITION	(NOS) 15/86
19010	12Ed. 2/1/86 LAST NM 15/86		
	Change	Visibility (range) of light to 25M	(23/86 CG14) 27/86 21°12.8'N 156°58.5'W
19010	12Ed. 2/1/86 LAST NM 27/86		
	Delete	Visibility (range) from lights	(13, 14/87 CG14) 22/87 19°33.9'N 155°57.9'W
	Add	Light Iso 6s 27ft	19°40'23"N 156°01'44"W
19010	12Ed. 2/1/86 LAST NM 22/87		
	Delete	Danger circle "Obstr"	(17/87 CG14) 24/87 19°56.4'N 156°09.8'W
19010	12Ed. 2/1/86 LAST NM 24/87		
	Delete	Visibility (range) from light "6"	(25/87 CG14) 33/87 21°05.0'N 157°01.9'W
19010	12Ed. 2/1/86 LAST NM 33/87		
	Change	Light to Fl 15s 170ft 24M Height of light to 151ft	(27/87 CG14) 37/87 20°56.9'N 156°19.5'W 21°06.2'N 157°18.5'W
19010	12Ed. 2/1/86 LAST NM 37/87		
	Add	Height 420ft to light	(31/87 CG14) 44/87 21°18.8'N 157°39.1'W
19010	12Ed. 2/1/86 LAST NM 44/87		
	Change	Visibility (range) of light to 8M	(15/88 CG14) 18/88 20°55.9'N 156°59.4'W
19010	12Ed. 2/1/86 LAST NM 18/88		
	Change	Visibility (range) of light to 6M (Supersedes 18/88-19010)	(15/88 CG14) 30/88 20°55.9'N 156°59.4'W
19010	12Ed. 2/1/86 LAST NM 30/88		
	Add	Sectors red 064°-068°, white-070°, green-074° to light	(28/88 CG14) 34/88 19°33.9'N 155°57.9'W

★**19013**	13Ed. 2/12/83	NEW EDITION	
	Delete	Light (Previously published 13/83)	(NOS) 19/83 21°21.4'N 158°08.1'W
19013	13Ed. 2/12/83 LAST NM 19/83		
	Change	Height of light to 120ft	(26/83 CG14) 31/83 20°30.3'N 156°40.2'W

19013	13Ed. 2/12/83 LAST	NM 31/83	(35/83 CG14) 40/83
	Change	Light to Fl 2.5sec 80ft 12M	21°52.3'N 159°26.8'W
★19013	13Ed. 2/12/83 LAST	NM 40/83	(48/83 CG14) 53/83
	Add	Obscured sector 110°-237°30' to light	21°52.2'N 159°27.0'W
19013	13Ed. 2/12/83 LAST	NM 53/83	(NVS7170/84) 5/84
	Delete	Danger circle "Subm obstr"	20°51.2'N 156°41.0'W
	Add	Wreck	20°35.5'N 156°54.5'W
19013	13Ed. 2/12/83 LAST	NM 5/84	(10/84 CG14) 13/84
	Change	Characteristic of buoy to Fl R	20°55.9'N 156°28.7'W
★19013	13Ed. 2/12/83 LAST	NM 13/84	(NVS7314/84) 37/84
	Substitute	Dangerous wreck for depth 21 fathoms	21°24'58.8"N 158°11'54.3"W
19013	13Ed. 2/12/83 LAST	NM 37/84	(NOS) 48/84
	Add	Height 799ft to light (AERO)	21°56.9'N 159°21.4'W
19013	13Ed. 2/12/83 LAST	NM 48/84	(HNNM0002/85) 26/85
	Substitute	Depth 11 fathoms "Rep (1985)" (PA) for 33 fathoms	22°00.8'N 159°48.3'W
19013	13Ed. 2/12/83 LAST	NM 26/85	(43/85 CG14) 46/85
	Change	Light to Fl 2.5s 67ft 7M	21°34'39"N 158°16'56"W
	Add	Light Fl 10s 931ft 25M (PA)	21°34'31"N 158°16'00"W
19013	13Ed. 2/12/83 LAST	NM 46/85	(23/86 CG14) 27/86
	Change	Visibility (range) of light to 25M	21°12.8'N 156°58.5'W
19013	13Ed. 2/12/83 LAST	NM 27/86	(25/87 CG14) 33/87
	Delete	Visibility (range) from light "6"	21°05.0'N 157°01.9'W
19013	13Ed. 2/12/83 LAST	NM 33/87	(FED REG 10/22/85) 47/87
	Change	Legends to "DANGER ZONE 334.1340 (see note A)"	20°32.0'N 156°35.0'W 21°36.0'N 160°20.0'W
		"DANGER ZONE 334.1350 (see note A)"	21°44.0'N 158°18.0'W
		"DANGER ZONE 334.1380 (see note A)"	21°30.0'N 157°36.0'W
		"DANGER ZONE 334.1390 (see note A)"	22°08.0'N 159°53.0'W
		"RESTRICTED AREA 334.1400 (see note A)"	21°19.0'N 158°01.0'W
		"RESTRICTED AREA 334.1410 (see note A)"	21°21.5'N 157°33.0'W
19013	13Ed. 2/12/83 LAST	NM 47/87	(49/87 CG14) 2/88
	Add	Obstruction (covered 13 fathoms) with legend "Subm buoy"	21°20.7'N 158°11.8'W
19013	13Ed. 2/12/83 LAST	NM 2/88	(3/88 CG14) 8/88
	Change	Visibility (range) of light to 11M	22°09.0'N 159°17.9'W
19013	13Ed. 2/12/83 LAST	NM 8/88	(MCNM8066/88) 11/88
	Add	Depth 255 fathoms	21°53.6'N 159°55.7'W
19013	13Ed. 2/12/83 LAST	NM 11/88	(3/89 CG14) 7/89
	Delete	Obstruction and legend "Subm buoy"	21°20.7'N 158°11.8'W
	Add	Obstruction (covered 17 fathoms) with legend "Subm buoy"	21°20.6'N 158°11.5'W
★19016	7Ed. 7/10/82	NEW EDITION	(NOS) 42/82

★19016	7Ed. 7/10/82 LAST NM 42/82		
	Delete	Purple composite line (restricted area limit) joining	(NOS) 43/82
			22°16.1'N 160°00.0'W
			22°15.8'N 160°02.0'W
			22°04.0'N 160°04.0'W
			22°00.0'N 160°00.5'W
		Legend "RESTRICTED AREA 204.225a (see note A)"	
			22°13.0'N 160°06.6'W
★19016	7Ed. 7/10/82 LAST NM 43/82		
	Delete	Buoy "51001"	(49/83 CG14) 53/83
			23°24'N 162°18'W
	Add	Buoy "51001", yellow, Gp Fl Y(4) 20sec	
			23°26'N 162°18'W
19016	7Ed. 7/10/82 LAST NM 53/83		
	Change	Legend to "DANGER ZONE 334.1340 (see note A)"	(FED REG 10/22/85) 47/87
----------			21°38.0'N 160°22.0'W
★19019	7Ed. 9/26/81	NEW EDITION	
----------			(NOS) 49/81
★19022	8Ed. 8/1/81	NEW EDITION	
			(NOS) 38/81
19022	8Ed. 8/1/81 LAST NM 38/81		
	Add	Depth 84 fathoms	(NVS7424/85) 16/85
----------			28°19.6'N 178°24.2'W
★19320	13Ed. 7/10/82	NEW EDITION	
	Delete	Buoy "B"	(NOS, 33/82 CG14) 37/82
			19°54.5'N 156°06.6'W
T 19320	13Ed. 7/10/82 (Temp'y)		
	Add	Buoy "Tsunami-1", red and white, Fl 2sec	(46/80 CG14) 37/82
			19°34'N 156°09'W
19320	13Ed. 7/10/82 LAST NM 37/82		
	Delete	Buoy "Tsunami-1" (Supersedes 37/82T-19320)	(36/82 CG14) 41/82
			19°34'N 156°09'W
19320	13Ed. 7/10/82 LAST NM 41/82		
	Delete	Buoy "A"	(43/82 CG14) 47/82
			19°56.3'N 156°10.0'W
★19320	13Ed. 7/10/82 LAST NM 47/82		
	Delete	Depth 65 fathoms "Rep (1974) PA"	(H9853) 2/83
		Rock awash	18°52'00"N 155°41'00"W
			18°54'24"N 155°41'15"W
	Add	Rock awash	
		Submerged rock	18°56'32"N 155°38'02"W
			18°54'40"N 155°40'50"W
		Depths 5 fathoms	
		18 fathoms	18°54'35"N 155°41'00"W
		$5\frac{3}{4}$ fathoms	18°54'15"N 155°41'05"W
			18°56'10"N 155°38'15"W
19320	13Ed. 7/10/82 LAST NM 2/83		
	Change	Height of light to 120ft	(26/83 CG14) 31/83
			20°30'20"N 156°40'09"W
19320	13Ed. 7/10/82 LAST NM 31/83		
	Change	Visibility (range) of light to 10M	(29/83 CG14) 34/83
			19°43'48"N 155°05'20"W
T 19320	13Ed. 7/10/82 LAST NM 34/83 (Temp'y)		
	Add	Light Occ WRG 4sec 31ft 12, 10M with sectors red 310°020°, white-026°, green-060°	(37/83 CG14) 42/83
			19°38'32"N 155°59'58"W
19320	13Ed. 7/10/82 LAST NM 42/83		
	Add	Light Occ WRG 4sec 31ft 12, 10M with sectors red 310°-020°, white-026°, green-060° (Supersedes 42/83T-19320)	(42/83 CG14) 47/83
			19°38'32"N 155°59'58"W
19320	13Ed. 7/10/82 LAST NM 47/83		
	Change	Light "6" Fl R $2\frac{1}{2}$sec 10ft 4M	(46/83 CG14) 50/83
			20°02'25.0"N 155°50'12.3"W
★19320	13Ed. 7/10/82 LAST NM 50/83		
	Delete	Depth 9 fathoms	(BP120488, 120489) 52/83
			20°15.0'N 155°46.0'W

(continued on next page)

★19320	(Continued) Add	Depths $5\frac{3}{4}$ fathoms $8\frac{1}{4}$ fathoms 10 fathoms	52/83 20°15'07"N 155°46'00"W 20°15'18"N 155°46'40"W 20°16'13"N 155°52'53"W
		Submerged rock	19°39'58"N 154°58'34"W
19320	13Ed. 7/10/82 LAST NM 52/83 Change	Height of light "6" to 20ft (See 50/83-19320)	(46/83 CG14) 5/84 20°02'25.0"N 155°50'12.3"W
★19320	13Ed. 7/10/82 LAST NM 5/84 Delete	Position circle "STACK"	(CL104/84) 26/84 20°05'48"N 155°28'14"W
19320	13Ed. 7/10/82 LAST NM 26/84 Change	Visibility (range) of light to 9M	(26/85 CG14) 29/85 19°43.9'N 156°03.8'W
19320	13Ed. 7/10/82 LAST NM 29/85 Change	Light to Fl 6s 116ft 24M with obscured sector 306°-101°	(30/85 CG14) 33/85 20°15'00"N 155°46'29"W
19320	13Ed. 7/10/82 LAST NM 33/85 Add	Superbuoy ODAS, "51005", yellow, Fl (4) Y 20s	(49/85 CG14) 52/85 20°21.0'N 156°04.3'W
19320	13Ed. 7/10/82 LAST NM 52/85 Change	Visibility (range) of light to 10M	(50/85 CG14) 2/86 19°38.4'N 156°00.2'W
		Light to Fl 4s 35ft 8M F 25ft 7M	19°33.9'N 155°57.9'W
19320	13Ed. 7/10/82 LAST NM 2/86 Delete	Visibility (range) from lights	(13, 14/87 CG14) 22/87 19°33.9'N 155°57.9'W 19°38.5'N 155°59.9'W
	Change	Characteristic of light to Iso	19°40.4'N 156°01.7'W
19320	13Ed. 7/10/82 LAST NM 22/87 Delete	Danger circle "Obstruction (subm pipe)" Float symbol	(17/87 CL4) 24/87 19°56'25"N 156°09'48"W 19°56'45"N 156°09'24"W
★19320	13Ed. 7/10/82 LAST NM 24/87 Change	Height of light to 156ft	(26/87 CG14) 36/87 19°31.1'N 154°48.8'W
	Add	Legend "(PA)" to light "2"	19°27.5'N 154°50.6'W
★19320	13Ed. 7/10/82 LAST NM 36/87 Change	Light "2" to Fl R 4s 11ft 5M (See 36/87-19320)	(30/87 CG14) 41/87 19°27.5'N 154°50.6'W
19320	13Ed. 7/10/82 LAST NM 41/87 Change	Legend to "DANGER ZONE 334.1340 (see note A)"	(FED REG 10/22/85) 47/87 20°29.2'N 156°35.2'W
19320	13Ed. 7/10/82 LAST NM 47/87 Change	Sectors of light to red 064°-068°, white-070°, green-074°	(28/88 CG14) 34/88 19°33.9'N 155°57.9'W
★19320	13Ed. 7/10/82 LAST NM 34/88 Add	Light Fl R	(32/88 CG14) 39/88 19°59'41"N 155°14'33"W
19320	13Ed. 7/10/82 LAST NM 39/88 Change	Color of buoy to green	(6/89 CG14) 10/89 19°44.7'N 155°04.9'W
★19322	6Ed. 6/25/83	NEW EDITION	(NOS) 40/83
★19324	20Ed. 6/11/83	NEW EDITION	(NOS) 33/83
★19324	20Ed. 6/11/83 LAST NM 33/83 Change	Visibility (range) of light to 10M	(29/83 CG14) 34/83 19°43'48.0"N 155°05'20.4"W
★19324	20Ed. 6/11/83 LAST NM 34/83 Add	Chartlet, depicting changes in hydrography, from back of Section I	(NOS) 14/84 19°44'00"N 155°04'00"W

SECTION
19

★19324	20Ed. 6/11/83 LAST NM 14/84		(4/85 CG14) 9/85
	Delete	Buoys	19°44'15"N 155°03'28"W
			19°44'14"N 155°03'25"W
		(See 14/84-19324)	
	Change	Light to QR 47ft 6M	19°43'42"N 155°04'25"W
		(See 14/84-19324)	
★19324	20Ed. 6/11/83 LAST NM 9/85		(5/87 CG14) 10/87
	Change	Color of buoys, each to green	
		"3"	19°44'23"N 155°04'42"W
		"7"	19°44'15"N 155°03'51"W
		"9"	19°44'15"N 155°03'38"W
★19324	20Ed. 6/11/83 LAST NM 10/87		(51/87 CG14) 4/88
	Change	Color of buoy "5" to green	19°44'15"N 155°04'00"W
		(See 14/84-19324)	
★19324	20Ed. 6/11/83 LAST NM 4/88		(6/89 CG14) 10/89
	Change	Color of buoy "1" to green	19°44'44"N 155°04'57"W

★19326	4Ed. 7/9/77	NEW EDITION	(NOS) 39/77

★19327	8Ed. 9/5/81	NEW EDITION	(NOS, 43/81 CG14) 48/81
		(Inset Keauhou Bay)	
	Change	Legend to "Fl 4sec 35ft 8M,	
		F 25ft 11M (PA)"	19°33'54.5"N 115°57'51.5"W
		Note: Sectors unchanged	
★19327	8Ed. 9/5/81		(46/80 CG14) 48/81
T	(Temp'y)		
	Add	Buoy "Tsunami-1", red and white,	
		Fl 2sec	19°34.0'N 156°09.0'W
19327	8Ed. 9/5/81 LAST NM 48/81		(NOS) 49/81
	Delete	Buoy "F"	19°40'42"N 156°07'00"W
		(Inset Honokohau Harbor)	
	Delete	Depths 1 fathom 3 feet	19°40'20.8"N 156°01'41.0"W
		1 fathom 1 foot	19°40'19.6"N 156°01'41.0"W
19327	8Ed. 9/5/81 LAST NM 49/81		(12/82 CG14) 17/82
	Delete	Range lights, front	20°02'15.0"N 155°49'44.0"W
		rear	20°02'12.0"N 155°49'37.0"W
		Range line between	20°02'10.5"N 155°49'38.1"W
			20°02'41.9"N 155°50'34.6"W
	Add	Range lights, front FG 70ft	20°02'16.5"N 155°49'48.0"W
		rear FG 93ft, 247 yards	
		120° from front	
		Range line extending in 300°	
		direction from rear light	
		dashed for 800 yards, thence	
		solid for 1200 yards	
		Note: Lights in line 120°	
19327	8Ed. 9/5/81 LAST NM 17/82		(27/82 CG14) 31/82
	Relocate	Buoy "2" close E to	20°02'37.6"N 155°50'33.9"W
★19327	8Ed. 9/5/81 LAST NM 31/82		(33/82 CG14) 37/82
	Delete	Buoy "B"	19°54'30"N 156°08'35"W
★19327	8Ed. 9/5/81 LAST NM 37/82		(36/82 CG14) 41/82
	Delete	Buoy "Tsunami-1"	19°34.0'N 156°09.0'W
		(Supersedes 48/81T-19327)	
★19327	8Ed. 9/5/81 LAST NM 41/82		(43/82 CG14) 47/82
	Delete	Buoy "A"	19°56'20"N 156°10'00"W
T 19327	8Ed. 9/5/81 LAST NM 47/82		(37/83 CG14) 42/83
	(Temp'y)		
	Add	Light Occ WRG 4sec 31ft 12, 10M	
		with sectors red 310°-020°, white-026°,	
		green-060°	19°38'32"N 155°59'58"W

19327	8Ed. 9/5/81 LAST NM 42/83		(42/83 CG14) 47/83
	Add	Light Occ WRG 4sec 31ft 12, 10M with sectors red 310°-020°, white-026°, green-060° (Supersedes 42/83T-19327)	19°38′32″N 155°59′58″W
19327	8Ed. 9/5/81 LAST NM 47/83		(46/83 CG14) 50/83
	Add	Light "6" Fl R 2½sec 10ft 4M	20°02′25.0″N 155°50′12.3″W
19327	8Ed. 9/5/81 LAST NM 50/83		(BP120489) 52/83
	Substitute	Depth 10 fathoms for 16 fathoms	20°16′13″N 155°52′53″W
	Add	Depth 8¼ fathoms	20°15′18″N 155°46′40″W
19327	8Ed. 9/5/81 LAST NM 52/83		(46/83 CG14) 5/84
	Change	Height of light "6" to 20ft (See 50/83-19327)	20°02′25.0″N 155°50′12.3″W
★19327	8Ed. 9/5/81 LAST NM 5/84		(26/85 CG14) 29/85
	Change	Visibility (range) of light to 9M	19°43′51″N 156°03′49″W
★19327	8Ed. 9/5/81 LAST NM 29/85		(30/85 CG14) 33/85
	Change	Light to Fl 6s 116ft 24M with obscured sector 306°-101°	20°14′59″N 155°46′29″W
★19327	8Ed. 9/5/81 LAST NM 33/85		(49/85 CG14) 1/86
		(Inset HONOKOHAU HARBOR)	
	Change	Color of buoy "1" to green	19°40′16.8″N 156°02′02.2″W
★19327	8Ed. 9/5/81 LAST NM 1/86		(50/85 CG14) 2/86
	Change	Visibility (range) of light to 10M	19°38′27.0″N 156°00′13.0″W
		(And Inset Keauhou Bay)	
	Change	Light to Fl 4s 35ft 8M E 25ft 7M	19°33′54.6″N 155°57′53.0″W
★19327	8Ed. 9/5/81 LAST NM 2/86		(13, 14/87 CG14) 22/87
	Delete	Visibility (range) from light	19°38′31.6″N 155°59′57.7″W
		(And Inset Keauhou Bay)	
	Delete	Visibility (range) from lights	19°33′54.6″N 155°57′53.0″W
		(And Inset Honokohau Harbor)	
	Change	Characteristic of light to Iso and delete visibility (range)	19°40′22.8″N 156°01′43.7″W
★19327	8Ed. 9/5/81 LAST NM 22/87		(17/87 CG14) 24/87
	Delete	Danger circle "Obstruction (subm pipe)" Float symbol	19°56′25″N 156°09′48″W 19°56′45″N 156°09′24″W
19327	8Ed. 9/5/81 LAST NM 24/87		(19/87 CG14) 25/87
	Change	Color of buoy "1" to green	20°02′43″N 155°50′33″W
★19327	8Ed. 9/5/81 LAST NM 25/87		(42/87 CG14) 48/87
	Add	Submarine pipeline between	19°43′49″N 156°03′51″W 19°43′32″N 156°04′50″W
19327	8Ed. 9/5/81 LAST NM 48/87		(17/88 CG14) 21/88
	Add	Buoy (mooring) "CG"	19°38′01″N 155°59′49″W
★19327	8Ed. 9/5/81 LAST NM 21/88		(28/88 CG14) 34/88
		(And Inset Keauhou Bay)	
	Change	Sectors of light to red 054°-068°, white-070°, green-074°	19°33′54.6″N 155°57′53.0″W
★19329	6Ed. 2/24/79	NEW EDITION	(NOS) 18/79
★19330	7Ed. 10/15/83	NEW EDITION	(NOS) 1/84
	Delete	Buoy "6" (Previously published 50/83)	20°02′25.8″N 155°50′11.0″W
	Add	Lights	
		"6" Fl R 2½sec 10ft 4M	20°02′25.0″N 155°50′12.3″W
		"1" Fl G 4sec 10ft 3M with obscured sector 070°-157°	20°02′30.3″N 155°50′05.4″W
		(Previously published 50/83)	

SUBREGION 19

★19330 7Ed. 10/15/83 LAST NM 1/84
Change Height of lights "6" to 20ft (46/83 CG14) 38(
"1" to 20ft 20°02'25.0"N 155°50'12.3"W
(See 1/84-19330) 20°02'30.3"N 155°50'05.4"W

★19330 7Ed. 10/15/83 LAST NM 5/84
Relocate Lights (37/84 CG14) 45(6)
"6" (20°02'25.0"N 155°50'12.3"W) to 20°02'25.2"N 155°50'12.0"W
"1" (20°02'30.3"N 155°50'05.4"W) 20°02'29.9"N 155°50'05.1"W
(See 1/84-19330)

★19330 7Ed. 10/15/83 LAST NM 45/84
Delete Light "10" (13/85 CG14) 16(8)
20°02'07"N 155°50'05"W

★19330 7Ed. 10/15/83 LAST NM 16/85
Change Color of buoy "3" to green (49/85 CG14) 1(8)
20°02'35.8"N 155°50'18.0"W

★19330 7Ed. 10/15/83 LAST NM 1/86
Change Color of buoys, each to green (19/87 CG14) 25(8
"1" 20°02'43"N 155°50'13"W
"5" 20°02'30"N 155°50'07"W

Add Visibility (range) 4M to light 20°02'15"N 155°50'10"W

★19330 7Ed. 10/15/83 LAST NM 25/87
Delete Visibility (range) from light (25/87 CG14) 33(8
and add legend "(Priv maintd)" 19°58'37.0"N 155°30'03.7"W

★19330 7Ed. 10/15/83 LAST NM 33/87
Delete Legend "(PA)" from lights (26/87 CG14) 36(8
20°02'17"N 155°49'48"W
20°02'13"N 155°49'42"W

★19330 7Ed. 10/15/83 LAST NM 36/87
Substitute Buoy "8", red, Fl R 2.5s for (17/88 CG14) 21(8
light "8"

★19330 7Ed. 10/15/83 LAST NM 21/88
Change Buoy "8" to red nun 20°02'15"N 155°50'10"W
(See 21/88-19330)

★19330 7Ed. 10/15/83 LAST NM 34/88
Relocate Buoy (mooring) close N to (27/88 CG14) 34(8)
20°02'15"N 155°50'10"W

(21/89 CG14) 24(8)
20°02'12.0"N 155°49'56.2"W

★19331 5Ed. 7/9/77 NEW EDITION (NOS) 39(7)

★19331 5Ed. 7/9/77 LAST NM 39/77
Add Sector red 110°-120° to light (22/78 CG14) 26(7)
19°38'27"N 156°00'13"W

★19331 5Ed. 7/9/77 LAST NM 26/78
Delete Position circle (accurate) (CL 19/80) 15(8)
"HOTEL (Yellow Light)"

19°38'05.4"N 155°59'36.0"W

19331 5Ed. 7/9/77 LAST NM 15/80
Change Light to E Int 6sec 32ft 10M (8/81 CG14) 12(8)
19°38'27"N 156°00'13"W

19331 5Ed. 7/9/77 LAST NM 12/81
Add Sector red 110°-120° to light (17/81 CG14) 26(8)
19°38'27"N 156°00'13"W

19331 5Ed. 7/9/77 LAST NM 26/81
Change Visibility (range) of light to 13M (23/81 CG14) 27(8)
19°38'27"N 156°00'13"W

★19331 5Ed. 7/9/77 LAST NM 27/81
Add Range lights, (12/82 CG14) 17(8)
front Q& Fl G 20ft
rear E Int G 6sec 31ft, 80 yards 19°38'29.4"N 155°59'58.5"W
018° from front

Range line extending in 198°
direction from rear light
dashed for 300 yards, thence
solid for 300 yards
Note: Lights in line 018°

★19331 5Ed. 7/9/77 LAST NM 17/82
I (Temp'y)
Delete (37/83 CG14) 42(8)
Range lights and range line
in vicinity

19°38'29.4"N 155°59'58.5"W

(continued on next page)

✱19331	(Continued) Add	Light Occ WRG 4sec 31ft 12, 10M with sectors red 310°-020°, white-026°, green-060°	42/83 19°38'31.6"N 155°59'57.8"W
✱19331	5Ed. 7/9/77 LAST NM 42/83 Delete	Range lights and range line in vicinity	(42/83 CG14) 47/83 19°38'29.4"N 155°59'58.5"W
	Add	Light Occ WRG 4sec 31ft 12, 10M with sectors red 310°-020°, white-026°, green-060° (Supersedes 42/83T-19331)	 19°38'31.6"N 155°59'57.8"W
19331	5Ed. 7/9/77 LAST NM 47/83 Change	Visibility (range) of light to 10M	(50/85 CG14) 2/86 19°38'27"N 156°00'13"W
19331	5Ed. 7/9/77 LAST NM 2/86 Delete	Visibility (range) from light	(13/87 CG14) 22/87 19°38'31.6"N 155°59'57.7"W
✱19331	5Ed. 7/9/77 LAST NM 22/87 Add	Buoy (mooring) "CG"	(17/88 CG14) 21/88 19°38'01"N 155°59'49"W
✱19332	6Ed. 2/15/86	NEW EDITION	(NOS) 20/86
✱19340	22Ed. 5/10/86 Change	NEW EDITION Visibility (range) of light to 25M (Previously published 27/86)	(NOS) 29/86 21°12.8'N 156°58.4'W
19340	22Ed. 5/10/86 LAST NM 29/86 Delete	Visibility (range) from light "6"	(25/87 CG14) 33/87 21°05.0'N 157°01.9'W
19340	22Ed. 5/10/86 LAST NM 33/87 Change	Light to Fl 15s 170ft 24M	(27/87 CG14) 37/87 20°56.9'N 156°19.5'W
19340	22Ed. 5/10/86 LAST NM 37/87 Change	Light to Fl 4s 20ft 5M	(28/87 CG14) 38/87 20°44.7'N 156°53.4'W
19340	22Ed. 5/10/86 LAST NM 38/87 Add	Height 101ft to light Ball topmark to buoy "H"	(31/87 CG14) 44/87 21°27.8'N 157°46.0'W 21°17.0'N 157°53.0'W
19340	22Ed. 5/10/86 LAST NM 44/87 Add	Obstruction (covered 13 fathoms) with legend "Subm buoy"	(49/87 CG14) 2/88 21°20.7'N 158°11.8'W
19340	22Ed. 5/10/86 LAST NM 2/88 Change	Visibility (range) of light to 8M	(15/88 CG14) 18/88 20°55.9'N 156°59.4'W
19340	22Ed. 5/10/86 LAST NM 18/88 Change	Visibility (range) of light to 6M (Supersedes 18/88-19340)	(15/88 CG14) 30/88 20°55.9'N 156°59.4'W
19340	22Ed. 5/10/86 LAST NM 30/88 Add	Superbuoy TANKER, yellow, Fl Y	(28/88 CG14) 34/88 21°16.4'N 158°05.5'W
19340	22Ed. 5/10/86 LAST NM 34/88 Delete	Obstruction and legend "Subm buoy"	(3/89 CG14) 7/89 21°20.7'N 158°11.8'W
	Add	Obstruction (covered 17 fathoms) with legend "Subm buoy"	 21°20.6'N 158°11.5'W
19340	22Ed. 5/10/86 LAST NM 7/89 Add	Position circle "Tower"	(CL110/89) 14/89 21°18.7'N 157°56.0'W
✱19341	7Ed. 8/12/78	NEW EDITION	(NOS) 49/78
✱19342	7Ed. 2/9/80	NEW EDITION	(NOS) 18/80
✱19342	7Ed. 2/9/80 LAST NM 18/80 Relocate	(Inset) Buoy "3" close SE to	(19/81 CG14) 22/81 20°54'11.5"N 156°28'28.0"W
✱19342	7Ed. 2/9/80 LAST NM 22/81 Change	Characteristic of buoy "2" to Fl R 4sec	(10/84 CG14) 13/84 20°55'54"N 156°28'41"W

★19342	7Ed. 2/9/80 LAST NM 13/84			(11/84 CG14) 15/84
		(And Inset)		
	Add	Designation to lights "1"		20°54'14"N 156°28'28"W
		"2"		20°54'13"N 156°28'37"W
★19342	7Ed. 2/9/80 LAST NM 15/84			(9/86 CG14) 13/86
		(And Inset)		
	Change	Lights "1" to Fl 2.5s 36ft 5M		20°54'14"N 156°28'28"W
		"2" to Fl 4s 36ft 5M		20°54'13"N 156°28'37"W
★19342	7Ed. 2/9/80 LAST NM 13/86			(13/87 CG14) 22/87
		(And Inset)		
	Delete	Designation from lights		20°54'14"N 156°28'28"W
				20°54'13"N 156°28'37"W
★19342	7Ed. 2/9/80 LAST NM 22/87			(52/87 CG14) 4/88
		(Inset)		
	Change	Color of buoy "3" to green		20°54'11"N 156°28'28"W
★19343	3Ed. 5/22/82	NEW EDITION		(DMAHTC) N32/82
	Change	Legend in upper right margin of chart to "CATALOG: REGION 1-N-A"		
19343	3Ed. 5/22/82 LAST NM 32/82			(10/84 CG14) N13/84
	Change	Characteristic of buoy "2" to Fl R 4s		20°55'54"N 156°28'41"W
19343	3Ed. 5/22/82 LAST NM 13/84			(11/84 CG14, USCG LL) N15/84
	Delete	Legend "S2"		20°54'16"N 156°28'36"W
	Add	Designation to lights "1"		20°54'14"N 156°28'28"W
		"2"		20°54'13"N 156°28'37"W
19343	3Ed. 5/22/82 LAST NM 15/84			(9/86 CG14) N13/86
	Change	Lights "1" to Fl 2½s 36ft 6/5M		20°54'14"N 156°28'28"W
		"2" to Fl 4s 36ft 7/5M		20°54'13"N 156°28'37"W
19343	3Ed. 5/22/82 LAST NM 13/86			(14/87 CG14) N22/87
	Delete	Designation from lights		20°54'13"N 156°28'26"W
				20°54'12"N 156°28'37"W
★19344	10Ed. 8/22/87	NEW EDITION		(DMAHTC) N46/87
	Change	Color of buoy "1" to green (Previously published 38/87)		20°47.3'N 156°59.7'W
19344	10Ed. 8/22/87 LAST NM 46/87			(52/87 CG14) N4/88
		(Inset Manele Bay)		
	Delete	Bn		20°44'42"N 156°53'27"W
19344	10Ed. 8/22/87 LAST NM 4/88			(15/88 CG14) N18/88
	Change	Visibility (range) of light to 8/6M		20°55'54"N 155°59'28"W
19344	10Ed. 8/22/87 LAST NM 18/88			(15/88 CG14) N23/88
	Change	Visibility (range) of light to 8/6M (Cancels 18/88-19344)		20°55'54"N 156°59'28"W
19344	10Ed. 8/22/87 LAST NM 23/88			(MC NM8155/88) N42/88
	Change	Legend to "R-3104A LOWER R-3104B UPPER"		20°32.2'N 156°37.6'W
★19347	14Ed. 2/25/89	NEW EDITION		(NOS) 19/89
★19348	5Ed. 7/14/79	NEW EDITION		(NOS) 40/79
★19348	5Ed. 7/14/79 LAST NM 40/79			(FED REG 10/14/82) 46/82
	Delete	Legend "ANCHORAGE AREA 110.128a (see note A)"		20°52'32.3"N 156°41'14.1"W
		Anchorage area centered		20°52'35.2"N 156°41'06.5"W
★19348	5Ed. 7/14/79 LAST NM 46/82			(CL161/83) 15/83
	Delete	Depth 16 fathoms		20°51'14.0"N 156°40'57.5"W
	Relocate	Dashed line circle close W to		20°51'14.4"N 156°41'03.5"W
	Add	Depth 16 fathoms		20°51'14.4"N 156°41'03.5"W

★19348	5Ed. 7/14/79 LAST NM 15/83		(26/83 CG14) 31/83
	Change	Color of buoy "L" to red and white stripes	20°52'17"N 156°41'09"W
	Add	Note "CAUTION CHANGES IN BUOYAGE Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	
			20°55'N 156°40'W
19348	5Ed. 7/14/79 LAST NM 31/83		(NVS7170/84) 5/84
	Delete	Depth 16 fathoms "(rep 1974)"	20°51'14.4"N 156°41'03.5"W
		Dashed line circle centered (See 15/83-19348)	20°51'14.4"N 156°41'03.5"W
		Legends "Subm Obstruction"	20°51'15.1"N 156°40'58.1"W
		"(moored submarine)"	20°51'12.0"N 156°40'57.8"W
★19348	5Ed. 7/14/79 LAST NM 5/84		(3/84 CG14) 7/84
	Add	Ball topmark to buoy "L"	20°52'16.8"N 156°41'09.4"W
★19348	5Ed. 7/14/79 LAST NM 7/84		(15/87 CG14) 22/87
	Change	Color of buoys, each to green	
		"1"	20°52'27.3"N 156°40'59.8"W
		"3"	20°52'28.0"N 156°40'59.0"W
		"5"	20°52'30.9"N 156°40'55.8"W
★19348	5Ed. 7/14/79 LAST NM 22/87		(17/88 CG14) 21/88
	Add	Buoy (mooring) "CG"	20°52'00"N 156°40'56"W
★19348	5Ed. 7/14/79 LAST NM 21/88		(22/88 CG14) 29/88
	Relocate	Buoy (mooring) "CG" close SW to (See 21/88-19348)	20°51'55.9"N 156°41'04.1"W
★19348	5Ed. 7/14/79 LAST NM 29/88		(32/88 CG14) 39/88
	Relocate	Buoy (mooring) "CG" (20°51'56"N 156°41'04"W) to (See 29/88-19348)	20°51'55"N 156°41'05"W
★19350	9Ed. 8/11/84	NEW EDITION	(NOS) 44/84
★19351	7Ed. 2/6/82	NEW EDITION	(NOS) 19/82
★19351	7Ed. 2/6/82 LAST NM 19/82		(24, 25/82 CG14) 29/82
		(And Inset)	
	Relocate	Light close N to and add designation "1" and visibility (range) 11M	20°47'20.7"N 156°59'42.4"W
★19351	7Ed. 2/6/82 LAST NM 29/82		(53/82 CG14) 6/83
		(And Inset)	
	Delete	Light "1" (Supersedes 29/82-19351)	20°47'20.7"N 156°59'42.4"W
	Add	Buoy "1", black, Fl G 2.5sec	20°47'19.5"N 156°59'44.0"W
19351	7Ed. 2/6/82 LAST NM 6/83		(CL52/83) 9/83
	Add	Position circle "R TRS (KAIM) 870 kHz" (PA)	21°10'56"N 157°13'26"W
★19351	7Ed. 2/6/82 LAST NM 9/83		(17/83 CG14) 23/83
	Add	Buoy (wave rider) Fl Y	21°17'30"N 157°34'00"W

SUBJECTS

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19357	17Ed. 10/15/83 LAST NM 37/85		(40/85 CG14) 44/85
	Change	Characteristic of range light, front to QG	21°19'48"N 157°58'27"W
★19357	17Ed. 10/15/83 LAST NM 44/85		(43/85 CG14) 46/85
	Change	Light to Fl 2.5s 67ft 7M	21°34'39.0"N 158°16'55.8"W
	Add	Light Fl 10s 931ft 25M (PA)	21°34'31.0"N 158°16'00.0"W
19357	17Ed. 10/15/83 LAST NM 46/85		(6/86 CG14) 9/86
	Change	Light to light (articulated) Fl G	21°18'10"N 157°53'59"W
19357	17Ed. 10/15/83 LAST NM 9/86		(8/86 CG14) 12/86
	Change	Buoys, each to yellow, Fl Y 4s "A" "B"	21°16'43"N 158°04'12"W 21°16'43"N 158°04'39"W
19357	17Ed. 10/15/83 LAST NM 12/86		(CL356/86) 28/86
	Add	Purple dashed lines "(see note C)" joining	21°26'00"N 158°11'42"W 21°25'35"N 158°11'58"W 21°25'37"N 158°12'00"W 21°25'37"N 158°12'03"W
		between	21°27'06"N 157°43'45"W 21°27'25"N 157°42'55"W
★19357	17Ed. 10/15/83 LAST NM 28/86		(CL1695/84) 31/86
	Add	Dashed line "Sewer" between	21°17'57"N 157°52'19"W 21°18'07"N 157°52'25"W
19357	17Ed. 10/15/83 LAST NM 31/86		(42/86 CG14) 45/86
	Change	Visibility (range) of light to 5M	21°18'14"N 157°52'19"W
★19357	17Ed. 10/15/83 LAST NM 45/86		(46, 48/86 CG14) 52/86
	Delete	Buoys "1" "2"	21°19'25"N 158°07'49"W 21°19'22"N 158°07'45"W
	Change	Characteristic of light to Fl 2s	21°18'08"N 158°04'23"W
	Add	Buoy "2", red, Fl R 2.5s	21°19'06.6"N 158°07'52.4"W
19357	17Ed. 10/15/83 LAST NM 52/86		(14, 16/87 CG14) 22/87
	Change	Color of buoy "3" to green Characteristic of lights to Iso R 6s Iso G	21°30'46"N 157°49'08"W 21°29'45"N 157°50'21"W 21°19'04"N 157°53'50"W
19357	17Ed. 10/15/83 LAST NM 22/87		(35/87 CG14) 42/87
	Substitute	Buoy "5", green, Fl G for light "5"	21°18'10"N 157°53'59"W
★19357	17Ed. 10/15/83 LAST NM 42/87		(31/87 CG14) 44/87
	Delete	Legend "Under constr"	21°27'20"N 158°11'51"W
	Add	Height 95ft to light Legend "(Priv maintd)"	21°17'56"N 157°52'18"W 21°17'29"N 157°50'46"W
19357	17Ed. 10/15/83 LAST NM 44/87		(32/87 CG14) 46/87
	Add	Ball topmark to buoy "H"	21°17'03"N 157°52'54"W
19357	17Ed. 10/15/83 LAST NM 46/87		(FED REG 10/22/85) 47/87
	Change	Legends to "DANGER ZONE 334.1350 (see note A)"	21°43'00"N 158°18'30"W 21°42'20"N 158°06'30"W
		"DANGER ZONE 334.1360 (see note A)"	21°18'00"N 158°04'00"W
		"DANGER ZONE 334.1370 (see note A)"	21°17'45"N 157°59'40"W
		"DANGER ZONE 334.1380 (see note A)"	21°28'45"N 157°43'45"W
		"RESTRICTED AREA 334.1400 (see note A)"	21°15'45"N 158°02'30"W
		"RESTRICTED AREA 334.1410 (see note A)"	21°20'30"N 157°39'12"W

★19357	17Ed. 10/15/83 LAST NM 47/87		(44/87 CG14) 49/87
	Delete	Buoy "FH"	21°26'33"N 157°44'18"W
19357	17Ed. 10/15/83 LAST NM 49/87		(46/87 CG14) 51/87
	Change	Characteristic of range light, front to Oc G 4s	21°19'48"N 157°58'26"W
★19357	17Ed. 10/15/83 LAST NM 51/87		(49/87 CG14) 2/88
	Add	Obstruction (covered 13 fathoms) with legend "Subm buoy"	21°20'43"N 158°11'49"W
19357	17Ed. 10/15/83 LAST NM 2/88		(1/88 CG14) 18/88
	Relocate	Buoy "1" (21°18'12"N 157°57'12"W) to	21°18'24"N 157°57'21"W
19357	17Ed. 10/15/83 LAST NM 18/88		(23/88 CG14) 29/88
	Delete	Buoy "2"	21°17'34"N 157°53'59"W
	Add	Buoy "1", green, Fl G 4s	21°17'35"N 157°54'05"W
19357	17Ed. 10/15/83 LAST NM 29/88		(28/88 CG14) 34/88
	Delete	Buoys (4) in vicinity	21°16'24"N 158°05'27"W
	Add	Superbuoy TANKER, yellow, Fl Y 2.5s	21°16'24"N 158°05'30"W
19357	17Ed. 10/15/83 LAST NM 34/88		(30/88 CG14) 36/88
	Change	Characteristic of range lights, front to QG	21°17'50"N 157°51'38"W
		rear to Iso G 6s	21°17'52"N 157°51'36"W
19357	17Ed. 10/15/83 LAST NM 36/88		(46/88 CG14) 51/88
	Change	Color of buoys, each to yellow	
		"C"	21°16'58"N 158°04'39"W
		"D"	21°16'58"N 158°04'12"W
★19357	17Ed. 10/15/83 LAST NM 51/88		(3/89 CG14) 7/89
	Delete	Obstruction and legend "Subm buoy"	21°20'43"N 158°11'49"W
	Add	Obstruction (covered 17 fathoms) with legend "Subm buoy"	21°20'36"N 158°11'31"W
19357	17Ed. 10/15/83 LAST NM 7/89		(CL110/89) 14/89
	Add	Position circle "Tower"	21°18'41"N 157°55'59"W
19357	17Ed. 10/15/83 LAST NM 14/89		(16/89 CG14) 20/89
	Change	Characteristic of range light, rear to Oc G 4s	21°17'52"N 157°51'36"W
★19358	16Ed. 10/20/84	NEW EDITION	(NOS) 51/84
★19358	16Ed. 10/20/84 LAST NM 51/84		(40/85 CG14) 44/85
	Relocate	Light "1" close NW to	21°16'27.7"N 157°43'08.2"W
19358	16Ed. 10/20/84 LAST NM 44/85		(FED REG 10/22/85) 47/87
	Change	Legend to "RESTRICTED AREA 334.1410 (see note A)"	21°20'22"N 157°39'02"W
★19359	8Ed. 10/30/82	NEW EDITION	(NOS) 51/82
19359	8Ed. 10/30/82 LAST NM 51/82		(NOS) 52/82
	Change	Characteristic of range light, front to FR	21°25'17"N 157°47'34"W
★19359	8Ed. 10/30/82 LAST NM 52/82		(19/83 CG14) 23/83
	Add	Depth 54 feet Rk	21°30'25.5"N 157°47'50.0"W
★19359	8Ed. 10/30/82 LAST NM 23/83		(13/84 CG14) 16/84
	Change	Characteristic of buoy "2" to Fl R 6sec	21°28'21"N 157°46'48"W
★19359	8Ed. 10/30/82 LAST NM 16/84		(30/84 CG14) 33/84
	Change	Buoy "K" to red and white stripes, ball topmark, Mo(A)	21°31'18.0"N 157°48'23.8"W
★19359	8Ed. 10/30/82 LAST NM 33/84		(8/85 CG14) 11/85
	Delete	Buoy "K"	21°27'05"N 157°47'51"W
	Add	Buoy "10", red nun	21°27'06.9"N 157°47'49.5"W

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★19359 8Ed. 10/30/82 LAST NM 11/85
Change — Color of buoy "11A" to green — (46/86 CG14) 52/86 21°27'56.5"N 157°49'22.5"W

★19359 8Ed. 10/30/82 LAST NM 52/86
Change — Color of buoy "3" to green — (16/87 CG14) 22/87 21°30'46.2"N 157°49'07.8"W
Characteristic of light to Iso R 6s — 21°29'44.4"N 157°50'21.1"W

★19360 1Ed. 6/7/80 — NEW CHART — (DMAHTC) N31/80

19360 1Ed. 6/7/80 LAST NM 31/80
Delete — Dangerous submerged rock — (NVS6356/81) N16/81 21°17'35"N 158°06'33"W

Substitute — Depths
1 fathom 4 feet for 4 fathoms 1 foot — 21°17'41"N 158°06'25"W
1 fathom 4 feet for 4 fathoms 1 foot — 21°17'45"N 158°06'34"W

19360 1Ed. 6/7/80 LAST NM 16/81
Delete — Light — (8/83 CG14) N13/83 21°21.4'N 158°08.1'W

19360 1Ed. 6/7/80 LAST NM 13/83
Delete — Buoys "1" — (46/86 CG14) N52/86 21°19'15.0"N 158°07'35.5"W
"2" — 21°19'11.1"N 158°07'33.3"W

Add — Buoy "2", red, Fl P 2.5s — 21°18'54.2"N 158°07'42.8"W

19360 1Ed. 6/7/80 LAST NM 52/86
Add — Obstruction (covered 13 fathoms) with legend "Subm buoy" — (49/87 CG14) N2/88 21°20'32"N 158°11'40"W

★19360 1Ed. 6/7/80 LAST NM 2/88
Add — Lights "4" Fl R 4s — (MCNM8165/88) N46/88 21°19'06.7"N 158°07'29.6"W
"5" Fl G 2.5s — 21°19'12.8"N 158°07'31.9"W
"6" Fl R 6s — 21°19'18.5"N 158°07'17.1"W

Bn "7" — 21°19'23.6"N 158°07'20.3"W

Range lights, front FG — 21°19'44.7"N 158°06'53.5"W
rear FG — 21°19'47.4"N 158°06'50.7"W

Range line extending in 225° direction from above rear light dashed for 1,450 yards, thence solid for 1,300 yards

19360 1Ed. 6/7/80 LAST NM 46/88
Delete — Obstruction and legend "Subm buoy" — (3/89 CG14) N7/89 21°20'32"N 158°11'40"W

Add — Obstruction (covered 17 fathoms) with legend "Subm buoy" — 21°20'24.5"N 158°11'21.8"W

★19361 6Ed. 3/29/86 — NEW EDITION
Add — Purple dashed line "Sewer" joining — (NOS CL356/86) 23/86 21°26'09.5"N 158°11'14.3"W
21°26'00.1"N 158°11'42.2"W
41°25'35.3"N 158°11'57.8"W
21°25'36.5"N 158°12'00.0"W

Note
"NOTE C
Mariners are cautioned not be anchor within 600 yards of the sewer line."

Legend "Sewer (see Note C)" — 21°26'30.0"N 158°10'40.0"W

19361 6Ed. 3/29/86 LAST NM 23/86
Delete — Purple dashed line between — 21°25'37.0"N 158°12'03.3"W

(See 23/86-19361) — (CL356/86) 28/86 21°26'09.5"N 158°11'14.3"W 21°25'36.5"N 158°12'00.0"W

Add — Purple dashed line "Sewer" joining — 21°26'09.5"N 158°11'14.3"W
21°26'00.1"N 158°11'42.2"W
21°25'35.3"N 158°11'57.8"W
21°25'36.5"N 158°12'00.0"W

19361 6Ed. 3/29/86 LAST NM 28/86
Delete — Legend "Under constr" — (31/87 CG14) 44/87 21°27'08"N 158°11'56"W

★19362 10Ed. 11/6/82 — NEW EDITION — (NOS) 1/83

★19362	10Ed. 11/6/82 LAST NM 1/83 Change	Color of buoy "1" to green	(46/83 CG14) 50/83 21°18'03"N 157°57'34"W
19362	10Ed. 11/6/82 LAST NM 50/83 Change	Color of buoy "1" to green	(36/85 CG14) 39/85 21°18'12"N 157°57'12"W
★19362	10Ed. 11/6/82 LAST NM 39/85 Change	Characteristic of range light, front to QG	(40/85 CG14) 44/85 21°19'48"N 157°58'25"W
★19362	10Ed. 11/6/82 LAST NM 44/85 Change	Buoys, each to yellow, Fl Y 4s "A" "B"	(8/86 CG14) 12/86 21°16'43"N 158°04'12"W 21°16'43"N 158°04'39"W
19362	10Ed. 11/6/82 LAST NM 12/86 Change	Characteristic of light to Fl 2s	(48/86 CG14) 52/86 21°18'08.6"N 158°04'22.3"W
19362	10Ed. 11/6/82 LAST NM 52/86 Change	Height of range light, rear to 80ft	(31/87 CG14) 44/87 21°20'08"N 157°58'36"W
19362	10Ed. 11/6/82 LAST NM 44/87 Change	Legends to "DANGER ZONE 334.1360 (see note A)" "DANGER ZONE 334.1370 (see note A)" "RESTRICTED AREA 334.1400 (see note A)"	(FED REG 10/22/85) 47/87 21°18'17"N 158°03'40"W 21°17'42"N 157°59'36"W 21°15'48"N 158°02'20"W
19362	10Ed. 11/6/82 LAST NM 47/87 Change	Characteristic of range light, front to Oc G 4s	(46/87 CG14) 51/87 21°19'49"N 157°58'26"W
★19362	10Ed. 11/6/82 LAST NM 51/87 Relocate	Buoy "1" close NW to	(14/88 CG14) 18/88 21°18'24.1"N 157°57'20.7"W
★19362	10Ed. 11/6/82 LAST NM 18/88 Delete	Buoys (10) in vicinity	(28/88 CG14) 34/88 21°16'23"N 158°05'25"W
	Add	Superbuoy TANKER, yellow, Fl Y 2.5s	21°16'24"N 158°05'30"W
★19362	10Ed. 11/6/82 LAST NM 34/88 Add	Position circle "TOWER"	(MCNM8166/88) 46/88 21°18'41.3"N 157°55'59.4"W
★19362	10Ed. 11/6/82 LAST NM 46/88 Change	Color of buoys, each to yellow "C" "D"	(46/88 CG14) 51/88 21°16'58"N 158°04'39"W 21°16'58"N 158°04'12"W
★19364	20Ed. 1/12/85 Delete	NEW EDITION Buoy "B"	(NOS. 6/85 CG14) 10/85 21°18'50"N 157°52'09"W
19364	20Ed. 1/12/85 LAST NM 10/85 Add	Dashed line "Sewer" between Position circle "Dol" (PA)	(CL1695/84) 15/85 21°17'57.0"N 157°52'18.6"W 21°18'06.5"N 157°52'55.2"W 21°19'12.0"N 157°53'08.6"W
19364	20Ed. 1/12/85 LAST NM 15/85 Change	Color of buoy "5" to green	(22/85 CG14) 26/85 21°18'03"N 157°52'24"W
19364	20Ed. 1/12/85 LAST NM 26/85 Relocate	Buoy "4" close SW to	(24/85 CG14) 27/85 21°17'51.0"N 157°52'25.0"W
★19364	20Ed. 1/12/85 LAST NM 27/85 Change	Color of buoy "1" to green	(36/85 CG14) 39/85 21°18'12"N 157°57'11"W
19364	20Ed. 1/12/85 LAST NM 39/85 Change	Characteristic of range light, front to QG	(40/85 CG14) 44/85 21°19'48"N 157°58'26"W
19364	20Ed. 1/12/85 LAST NM 44/85 Change	Light "5" to light (articulated) "5" Fl G 2.5s 15ft 4M	(6/86 CG14) 9/86 21°18'09.7"N 157°53'59.8"W

★19364	20Ed. 1/12/85 LAST NM 9/86		
	Delete	Dashed line "Sewer" between	(CL1695/84) 31/86 21°17'57.0"N 157°52'18.6"W 21°18'06.5"N 157°52'55.2"W
	Add	Dashed line "Sewer" between	21°17'57.0"N 157°52'18.6"W 21°18'06.5"N 157°52'25.2"W
19364	20Ed. 1/12/85 LAST NM 31/86		
	Change	Visibility (range) of light "7" to 5M	(42/86 CG14) 45/86 21°18'14"N 157°52'20"W
19364	20Ed. 1/12/85 LAST NM 45/86		
	Change	Characteristic of light to Iso G	(14, 16/87 CG14) 22/87 21°19'04"N 157°53'50"W
		Designation of lights "12" to "10" "13" to "11" "16" to "12" "17" to "13" "20" to "14" "19" to "15"	21°18'41"N 157°53'47"W 21°18'44"N 157°53'51"W 21°18'49"N 157°53'42"W 21°18'59"N 157°53'47"W 21°18'57"N 157°53'33"W 21°19'03"N 157°53'36"W
		Color of buoy "1" to green	21°17'28"N 157°51'55"W
19364	20Ed. 1/12/85 LAST NM 22/87		
	Delete	Position circle "Flagpole"	(24/87 CG14) 31/87 21°18'39"N 157°52'26"W
19364	20Ed. 1/12/85 LAST NM 31/87		
	Change	Color of buoys, each to green "3" "3"	(29/87 CG14) 40/87 21°17'54"N 157°52'30"W 21°17'50"N 157°54'02"W
19364	20Ed. 1/12/85 LAST NM 40/87		
	Substitute	Buoy "5", green, Fl G 2.5s for light "5"	(35/87 CG14) 42/87 21°18'10"N 157°53'59"W
19364	20Ed. 1/12/85 LAST NM 42/87		
	Add	Position circle "TOWER (Oc R Lts)"	(31/87 CG14) 44/87 21°18'32.3"N 157°52'32.5"W
★19364	20Ed. 1/12/85 LAST NM 44/87		
	Add	Ball topmark to buoy "H"	(32/87 CG14) 46/87 21°17'00"N 157°52'58"W
19364	20Ed. 1/12/85 LAST NM 46/87		
	Change	Legend to "DANGER ZONE 33d 1370 (see note A)"	(FED REG 10/22/85) 47/87 21°17'43"N 157°59'36"W
19364	20Ed. 1/12/85 LAST NM 47/87		
	Change	Color of buoy "A" to yellow	(43/87 CG14) 48/87 21°18'44"N 157°52'05"W
★19364	20Ed. 1/12/85 LAST NM 48/87		
	Change	Characteristic of range light, front to Oc G 4s	(46/87 CG14) 51/87 21°19'49"N 157°58'26"W
19364	20Ed. 1/12/85 LAST NM 51/87		
	Change	Buoy "A" to "10", red nun (See 48/87-19364)	(50/87 CG14) 2/88 21°18'44"N 157°52'05"W
★19364	20Ed. 1/12/85 LAST NM 2/88		
	Relocate	Buoy "10" close W to (See 2/88-19364)	(5/88 CG14) 10/88 21°18'44"N 157°52'06"W
19364	20Ed. 1/12/85 LAST NM 10/88		
	Delete	Position circle "Flagpole" (Cancels 31/87-19364)	(24/87 CG14) 12/88 21°18'39"N 157°52'36"W
19364	20Ed. 1/12/85 LAST NM 12/88		
	Relocate	Buoy "1" close NW to	(14/88 CG14) 18/88 21°18'24.1"N 157°57'20.7"W
19364	20Ed. 1/12/85 LAST NM 18/88		
	Delete	Buoy "2"	(23/88 CG14) 29/88 21°17'34"N 157°53'59"W
	Add	Buoy "1", green, Fl G 4s	21°17'35"N 157°54'05"W
19364	20Ed. 1/12/85 LAST NM 29/88		
	Change	Characteristic of range lights, front to QG rear to Iso G 6s	(30/88 CG14) 36/88 21°17'50"N 157°51'38"W 21°17'52"N 157°51'36"W
19364	20Ed. 1/12/85 LAST NM 36/88		
	Add	Position circle "TOWER"	(MCNM8166/88) 46/88 21°18'41.3"N 157°55'59.4"W

19364	20Ed. 1/12/85 LAST NM 46/88		(16/89 CG14) 20/89
	Change	Characteristic of range light, rear to Oc G 4s	21°17'52"N 157°51'36"W
★19365	32Ed. 12/1/84	NEW EDITION	(DMAHTC) N13/85
19366	32Ed. 12/1/84 LAST NM 13/85		(NVS7416/85) N14/85
	Delete	Buoys (mooring) "CM-S"	21°21'11"N 157°59'24"W
		(mooring) "CM-M"	21°21'13"N 157°59'24"W
		(mooring) "CM-N"	21°21'15"N 157°59'25"W
		(mooring) (undesignated)	21°21'01"N 157°58'50"W
		(mooring) (undesignated)	21°21'03"N 157°58'51"W
★19366	32Ed. 12/1/84 LAST NM 14/85		(NVS7435, 37/85) N17/85
	Relocate	Position circle "Control Tower" close NW to (PA)	21°19'15.2"N 157°55'38.3"W
		Light close SE to (PA)	21°21'07.8"N 157°56'37.0"W
★19366	32Ed. 12/1/84 LAST NM 17/85		(HNNM7489/85) N28/85
	Delete	Double solid line (pier) with legend "S2/S3" between	21°21'13"N 157°56'39"W 21°21'14"N 157°56'37"W
19366	32Ed. 12/1/84 LAST NM 28/85		(36/85 CG14) N39/85
	Change	Color of buoy "1" to green	21°18.2'N 157°57.2'W
19366	32Ed. 12/1/84 LAST NM 39/85		(44/85 CG14) N47/85
	Change	Color of buoys, each to green "11"	21°20'11.6"N 157°58'18.7"W
		"29"	21°22'24.4"N 157°57'21.2"W
19366	32Ed. 12/1/84 LAST NM 47/85		(HNNM7592/85) N52/85
	Delete	Buoys (mooring) "AM2-3"	21°21'32"N 158 57'33"W
		"AM-8"	21°22'00"N 157°56'54"W
		"X3-S"	21°22'15"N 157°56'34"W
	Add	Buoys (mooring) "D1M"	21°22'07.8"N 157°58'51.0"W
		"D4N"	21°22'18.7"N 157°58'56.6"W
		"D4S"	21°22'15.7"N 157°59'00.8"W
		"D5N"	21°22'21.9"N 157°58'59.2"W
		"D5M"	21°22'20.4"N 157°59'01.3"W
		"D5S"	21°22'18.9"N 157°59'03.4"W
		"D6N"	21°22'25.0"N 157°59'01.8"W
		"D6M"	21°22'24.0"N 157°59'03.8"W
		"D6S"	21°22'22.0"N 157°59'05.9"W
		"D7N"	21°22'28.2"N 157°59'04.3"W
		"D7M"	21°22'26.8"N 157°59'06.4"W
		"D7S"	21°22'25.2"N 157°59'08.5"W
		"D8N"	21°22'31.3"N 157°59'06.9"W
		"D8M"	21°22'29.8"N 157°59'09.0"W
		"D8S"	21°22'28.3"N 157°59'11.1"W
		"D9N"	21°22'34.5"N 157°59'09.5"W
		"D9M"	21°22'33.0"N 157°59'11.6"W
		"D9S"	21°22'31.5"N 157°59'13.7"W
		"D10N"	21°22'39.5"N 157°59'09.6"W
		"D10M"	21°22'37.7"N 157°59'12.2"W
		"D10S"	21°22'34.6"N 157°59'16.3"W
		"D11N"	21°22'42.6"N 157°59'12.2"W
		"D11M"	21°22'40.8"N 157°59'14.8"W
		"D11S"	21°22'37.8"N 157°59'18.8"W
		"D12N"	21°22'45.8"N 157°59'14.9"W
		"D12M"	21°22'43.9"N 157°59'17.4"W
		"D12S"	21°22'40.9"N 157°59'21.4"W
19366	32Ed. 12/1/84 LAST NM 52/85		(52/85 CG14; HNNM7592/85) N5/86
	Change	Characteristic of range light, front to QG	21°19'36"N 157°58'16"W
	Add	Buoys (mooring) "D13M"	21°22'52.1"N 157°59'20.2"W
		"D13S"	21°22'50.8"N 157°59'25.2"W
		"D14M"	21°22'55.1"N 157°59'21.1"W
		"D14S"	21°22'53.6"N 157°59'26.1"W
★19366	32Ed. 12/1/84 LAST NM 5/86		(4/86 CG14) N8/86
	Add	Light "8" (articulated), Fl R 2.5s	21°21'22"N 157°59'36"W

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19366	32Ed. 12/1/84 LAST NM 8/86		
	Add	Buoys (mooring) "AD1"	(HNNM7592/85) N39/86
		"AD2"	21°19'43.1"N 157°57'58.6"W
			21°19'43.5"N 157°57'58.6"W
★19366	32Ed. 12/1/84 LAST NM 39/86		
	Substitute	Light "9" Fl G 2.5s for beacon "9"	(43/86 CG14) N46/86
			21°21'14"N 157°59'44"W
★19366	32Ed. 12/1/84 LAST NM 46/86		
	Delete	Legend "(PA)"	(53/86 CG14) N7/87
			21°21'07.8"N 157°56'37.0"W
19366	32Ed. 12/1/84 LAST NM 7/87		
	Delete	Buoys (mooring) "AM13"	(MCNM7995/87) N45/87
		"AM-13A"	21°22'18"N 157°57'28"W
		"D1M"	21°22'20"N 157°57'24"W
			21°22'08"N 157°58'51"W
19366	32Ed. 12/1/84 LAST NM 45/87		
	Change	Color of buoys, each to green	(43/87 CG14) N48/87
		"3"	
		"25"	21°18'30"N 157°57'47"W
			21°22'08"N 157°56'50"W
19366	32Ed. 12/1/84 LAST NM 48/87		
	Change	Characteristic of range light, front to Oc G 4s	(46/87 CG14) N51/87
19366	32Ed. 12/1/84 LAST NM 51/87		21°19'36"N 157°58'16"W
	Relocate	Buoy "1" close NW to	(14/88 CG14) N18/88
★19366	32Ed. 12/1/84 LAST NM 18/88		21°18'12.6"N 157°57'11.4"W
	Delete	Buoys (mooring) "D4N", "D4S",	(30/88 CG14) N36/88
		"D5N", "D5M", "D5S", "D6N",	
		"D6M", "D6S" in vicinity	21°22'20"N 157°59'01"W
19366	32Ed. 12/1/84 LAST NM 36/88		
	Add	Position circle "Control Tr"	(MCNM8166/88) N46/88
			21°18'29.9"N 157°55'49.8"W
19366	32Ed. 12/1/84 LAST NM 46/88		
	Change	Color of buoy "27" to green	(42/88 CG14) N47/88
			21°22'20.5"N 157°56'57.9"W
★19366	32Ed. 12/1/84 LAST NM 47/88		
	Change	Color of buoy "7" to green	(3/89 CG14) N7/89
			21°21'10"N 157°59'34"W
★19366	32Ed. 12/1/84 LAST NM 7/89		
	Delete	Position circle "Chy"	(MCNM8186/88) N9/89
			21°21'18"N 157°56'27"W
★19366	32Ed. 12/1/84 LAST NM 9/89		
	Delete	Dashed line between	(MCNM1029/89) N11/89
			21°22'11.7"N 157°56'13.7"W
			21°22'16.0"N 157°56'26.0"W
	Add	Dashed line (anchorage area limit) joining	
			21°22'08.5"N 157°56'20.7"W
			21°22'15.5"N 157°56'31.2"W
			21°22'18.5"N 157°56'31.2"W
			21°22'25.5"N 157°56'13.2"W
			21°22'25.5"N 157°56'09.7"W
★19366	32Ed. 12/1/84 LAST NM 11/89		
	Substitute	Buoy "5", green, Fl G 2.5s for light "5"	(USCG LL, 10/89 CG14) N14/89
			21°18'56"N 157°58'02"W
★19366	32Ed. 12/1/84 LAST NM 14/89		
	Delete	Legend "SZ1"	(MCNM1051/89) N18/89
			21°21'25"N 157°56'41"W
	Add	Legends "SZ1A"	
		"SZ1B"	21°21'27.2"N 157°56'39.7"W
		"BP3"	21°21'24.0"N 157°56'43.2"W
			21°21'55.4"N 157°58'27.7"W
★19366	32Ed. 12/1/84 LAST NM 18/89		
	Delete	Legend "S21"	(MCNM8166/88, 1051/89) N23/89
		(See N18/89-19366)	21°21'25"N 157°56'41"W
	Change	Legend "SZ1A" to "S21A"	
		"SZ1B" to "S21B"	21°21'27.2"N 157°56'39.7"W
		"Control Tr" to "Vortex Tr"	21°21'24.0"N 157°56'43.2"W
		(See N46/88, N18/89-19366)	21°18'29.9"N 157°55'49.8"W
★19367	33Ed. 4/12/86	NEW EDITION	
			(NOS) 24/86
★19367	33Ed. 4/12/86 LAST NM 24/86		
	Add	Position circle "Dol" (PA)	(NOS) 31/86
			21°19'12.0"N 157°53'08.6"W

★19367	33Ed. 4/12/86 LAST NM 31/86		
	Change	Visibility (range) of light "7" to 5M	(42/86 CG14) 45/86
			21°18'5"N 157°52'19.2"W
19367	33Ed. 4/12/86 LAST NM 45/86		
	Change	Visibility (range) of light "7" to 5M (Cancels 45/86-19367)	(42/86 CG14) 18/87
			21°18'13.6"N 157°52'19.2"W
★19367	33Ed. 4/12/86 LAST NM 18/87		
	Change	Characteristic of light to Iso G	(14, 16/87 CG14) 22/87
			21°19'03.8"N 157°53'50.1"W
		Designation of lights "12" to "10"	21°18'40.7"N 157°53'47.1"W
		"13" to "11"	21°18'43.9"N 157°53'51.2"W
		"16" to "12"	21°18'48.6"N 157°53'41.7"W
		"17" to "13"	21°18'58.9"N 157°53'47.0"W
		"20" to "14"	21°18'57.4"N 157°53'33.1"W
		"19" to "15"	21°19'02.8"N 157°53'36.1"W
		Color of buoy "1" to green	21°17'27.8"N 157°51'55.2"W
★19367	33Ed. 4/12/86 LAST NM 22/87		
	Delete	Position circle "Flagpole"	(24/87 CG14) 31/87
			21°18'39"N 157°52'36"W
★19367	33Ed. 4/12/86 LAST NM 31/87		
	Change	Color of buoys, each to green	(29/87 CG14) 40/87
		"3"	
		"3"	21°17'54"N 157°52'30"W
			21°17'50"N 157°54'02"W
★19367	33Ed. 4/12/86 LAST NM 40/87		
	Substitute	Buoy "5", green, Fl G 2.5s for light "5"	(35/87 CG14) 42/87
			21°18'10"N 157°53'59"W
★19367	33Ed. 4/12/86 LAST NM 42/87		
	Add	Position circle "TOWER (Oc R Lts)"	(31/87 CG14) 44/87
			21°18'32.3"N 157°52'32.5"W
★19367	33Ed. 4/12/86 LAST NM 44/87		
	Change	Color of buoy "A" to yellow	(43/87 CG14) 48/87
			21°18'44"N 157°52'05"W
★19367	33Ed. 4/12/86 LAST NM 48/87		
	Change	Buoy "A" to "10", red nun (See 48/87-19367)	(50/87 CG14) 2/88
			21°18'44"N 157°52'05"W
19367	33Ed. 4/12/86 LAST NM 2/88		
	Add	Tabulation of controlling depths from back of Section I	(NOS) 7/88
★19367	33Ed. 4/12/86 LAST NM 7/88		
	Relocate	Buoy "10" close W to (See 2/88-19367)	(4/88 CG14) 9/88
			21°18'44.2"N 157°52'05.7"W
★19367	33Ed. 4/12/86 LAST NM 9/88		
	Delete	Buoy "2"	(23/88 CG14) 29/88
			21°17'34.0"N 157°53'59.3"W
	Add	Buoy "1", green, Fl G 4s	21°17'34.7"N 157°54'04.6"W
★19367	33Ed. 4/12/86 LAST NM 29/88		
	Change	Characteristic of range lights,	(30/88 CG14) 36/88
		front to QG	
		rear to Iso G 6s	21°17'50.1"N 157°51'37.7"W
			21°17'..2.0"N 157°51'36.3"W
★19367	33Ed. 4/12/86 LAST NM 36/88		
	Add	Danger circle "Obstr" (PA)	(CL89/89) 16/89
			21°19'12.8"N 157°53'20.0"W
★19367	33Ed. 4/12/86 LAST NM 16/89		
	Change	Characteristic of range light, rear to Oc G 4s	(16/89 CG14) 20/89
			21°17'52.0"N 157°51'36.3"W
★19369	2Ed. 6/23/84	NEW EDITION	
	Delete	Stranded wreck (PA) (Previously published N26/84)	(DMAHTC) N33/84
			21°17'41.5"N 157°54'06.2"W
	Change	Color of buoy "1" to green (Previously published N22/84)	21°17'29.5"N 157°52'27.5"W
19369	2Ed. 6/23/84 LAST NM 33/84		
	Delete	Buoy "B"	(6/85 CG14) N10/85
			21°18'39"N 157°51'59"W
19369	2Ed. 6/23/84 LAST NM 10/85		
	Relocate	Position circle "CONTROL TOWER" close NW to (PA)	(NVS7435/85) N17/85
			21°19'15.2"N 157°55'38.3"W

19369	2Ed. 6/23/84 LAST NM 17/85 Change	Color of buoy "5" to green	(22/85 CG14) N26/85 21°17'51"N 157°52'15"W
19369	2Ed. 6/23/84 LAST NM 26/85 Relocate	Buoy "4" close SW to	(24/85 CG14) N27/85 21°17'39.5"N 157°52'15.7"W
19369	2Ed. 6/23/84 LAST NM 27/85 Change	Color of buoy "1" to green	(36/85 CG14) N39/85 21°18.2'N 157°57.2'W
19369	2Ed. 6/23/84 LAST NM 39/85 Change	Characteristic of range light, front to QG	(52/85 CG14) N5/86 21°19'36"N 157°58'16"W
19369	2Ed. 6/23/84 LAST NM 5/86 Change	Light "5" to light (articulated) "5" Fl G 2½s 5m 4M	(6/86 CG14) N9/86 21°17'58"N 157°53'50"W
19369	2Ed. 6/23/84 LAST NM 9/86 Change	Visibility (range) of light "7" to 5M	(42/86 CG14) N45/86 21°18'02"N 157°52'10"W
19369	2Ed. 6/23/84 LAST NM 45/86 Change	Designation of lights "12" to "10" "13" to "11" "16" to "12" "17" to "13" "20" to "14" "19" to "15" "9" to "7"	(14, 15/87 CG14) N22/87 21°18'29.3"N 157°53'37.5"W 21°18'32.5"N 157°53'41.9"W 21°18'37.2"N 157°53'32.4"W 21°18'47.4"N 157°53'37.7"W 21°18'45.9"N 157°53'23.8"W 21°19'51.3"N 157°53'26.8"W 21°18'17.1"N 157°53'47.9"W
		Characteristic of light to Fl 2s Color of buoy "1" to green	21°17'57.1"N 158°04'13.8"W 21°17'16.8"N 157°51'45.9"W
19369	2Ed. 6/23/84 LAST NM 22/87 Delete	Position circle "Flagpole"	(24/87 CG14) N31/87 21°18'27"N 157°52'26"W
19369	2Ed. 6/23/84 LAST NM 31/87 Change	Color of buoys, each to green "3" "3"	(29/87 CG14) N40/87 21°17'42"N 157°52'20"W 21°17'39"N 157°53'53"W
19369	2Ed. 6/23/84 LAST NM 40/87 Substitute	Buoy "5", green, Fl G 2.5s for light "5"	(35/87 CG14) N42/87 21°17'58"N 157°53'50"W
19369	2Ed. 6/23/84 LAST NM 42/87 Change	Legend to "Fixed Bridge HOR CL 76m VERT CL 4.3m"	(31/87 CG14) N44/87 21°18'46"N 157°53'07"W
	Add	Position circle "TOWER (Oc R Lts)"	21°18'21"N 157°52'23"W
19369	2Ed. 6/23/84 LAST NM 44/87 Change	Visibility (range) of light "6" to 3M	(32/87 CG14) N46/87 21°18'37"N 157°57'11"W
		Height of range light, front to 11m	21°18'32"N 157°53'44"W
		Buoy "H" to red and white stripes, ball topmark, Mo(A), Strobe Fl 2.5s	21°16'49"N 157°52'48"W
19369	2Ed. 6/23/84 LAST NM 46/87 Change	Color of buoy "A" to yellow	(43/87 CG14) N48/87 21°18'33"N 157°51'56"W
19369	2Ed. 6/23/84 LAST NM 48/87 Change	Characteristic of range light, front to Oc G 4s	(46/87 CG14) N51/87 21°19'36"N 157°58'16"W
19369	2Ed. 6/23/84 LAST NM 51/87 Change	Buoy "A" to "10", red nun (See N48/87-19369)	(50/87 CG14) N2/88 21°18'33"N 157°51'56"W
19369	2Ed. 6/23/84 LAST NM 2/88 Relocate	Buoy "1" close NW to	(14/88 CG14) N18/88 21°18'12.6"N 157°57'11.4"W
19369	2Ed. 6/23/84 LAST NM 18/88 Delete	Buoy "2"	(23/88 CG14) N29/88 21°17'23"N 157°53'50"W
	Add	Buoy "1", green, Fl G 4s	21°17'23"N 157°53'55"W
19369	2Ed. 6/23/84 LAST NM 29/88 Add	Position circle "Control Tr"	(MCNM8166/88) N46/88 21°18'29.8"N 157°55'50.1"W

19369	2Ed. 6/23/84 LAST NM 46/88		
	Change	Buoys "A" to yellow, Fl Y 4s (Priv maintd) "D" to yellow (Priv maintd)	(46/88 CG14) N51/88 21°16'31"N 158°04'03"W 21°16'46"N 158°04'03"W
19369	2Ed. 6/23/84 LAST NM 51/88		
	Change	Legend "Control Tr" to "Vortex Tr". (See N46/88-19369)	(MCNM8166/88) N23/89 21°18'29.8"N 157°55'50.1"W
★19375	5Ed. 6/25/88	NEW EDITION	(DMAHTC) N49/88
19375	5Ed. 6/25/88 LAST NM 49/88		
	Delete	Obstruction and legend "Subm buoy"	(3/89 CG14) N7/89 21°20.5'N 158°11.7'W
	Add	Obstruction (covered 17 fathoms) with legend "Subm buoy"	21°20.4'N 158°11.3'W
★19380	12Ed. 1/12/85	NEW EDITION	(NOS) 10/85
19380	12Ed. 1/12/85 LAST NM 10/85		
	Add	Light Iso 6s 14ft 9M	(14/85 CG14) 18/85 21°54.0'N 159°35.6'W
19380	12Ed. 1/12/85 LAST NM 18/85		
	Add	Depth 11 fathoms "Rep (1985)" (PA)	(HNNM0002/85) 26/85 22°00.8'N 159°48.3'W
19380	12Ed. 1/12/85 LAST NM 26/85		
	Change	Light to Fl 2.5s 67ft 7M	(43/85 CG14) 46/85 21°34'39.0"N 158°16'55.8"W
	Add	Light Fl 10s 931ft 25M (PA)	21°34'31.0"N 158°16'00.0"W
19380	12Ed. 1/12/85 LAST NM 46/85		
	Change	Light to Fl 6s 14ft 8M	(42/86 CG14) 45/86 21°54.0'N 159°35.6'W
19380	12Ed. 1/12/85 LAST NM 45/86		
	Change	Height of light to 32ft	(39/87 CG14) 45/87 21°54.0'N 159°35.6'W
19380	12Ed. 1/12/85 LAST NM 45/87		
	Change	Visibility (range) of light to 25M	(32/87 CG14) 46/87 22°14.1'N 159°24.3'W
19380	12Ed. 1/12/85 LAST NM 46/87		
	Change	Legends to "DANGER ZONE 334.1340 (see note A)"	(FED REG 10/22/85) 47/87 21°37.7'N 160°32.8'W
		"DANGER ZONE 334.1350 (see note A)"	21°41.5'N 158°17.0'W
		"DANGER ZONE 334.1390 (see note A)"	22°03.6'N 159°51.0'W
19380	12Ed. 1/12/85 LAST NM 47/87		
	Add	Light F WRG 20ft (Priv maintd)	(45/87 CG14) 50/87 22°04.6'N 159°19.0'W
19380	12Ed. 1/12/85 LAST NM 50/87		
	Add	Obstruction (covered 13 fathoms) with legend "Subm buoy"	(49/87 CG14) 2/88 21°20.7'N 158°11.8'W
19380	12Ed. 1/12/85 LAST NM 2/88		
	Change	Visibility (range) of light to 11M	(3/88 CG14) 8/88 22°09.0'N 159°17.9'W
19380	12Ed. 1/12/85 LAST NM 8/88		
	Add	Depth 255 fathoms	(MCNM8066/88) 11/88 21°53.6'N 159°55.7'W
19380	12Ed. 1/12/85 LAST NM 11/88		
	Delete	Obstruction and legend "Subm buoy"	(3/89 CG14) 7/89 21°20.7'N 158°11.8'W
	Add	Obstruction (covered 17 fathoms) with legend "Subm buoy"	21°20.6'N 158°11.5'W
★19381	7Ed. 2/25/89	NEW EDITION	(NOS) 18/89
★19382	14Ed. 1/7/89	NEW EDITION	
	Change	Color of buoy "5" to green	(NOS: 3/89 CG14) 13/89 21°54'01"N 159°35'36"W
★19383	15Ed. 11/13/82	NEW EDITION	(NOS) 3/83

T 19383	15Ed. 11/13/82 LAST NM 3/83		
	(Temp'y)		(29/83 CG14) 34/83
	Relocate	Buoy "9" close NE to	21°57'15.4"N 159°21'33.4"W
★19383	15Ed. 11/13/82 LAST NM 34/83		
	Substitute	Depth 30 feet for 35 feet	(BP118118) 49/83 21°57'21"N 159°21'26"W
	Add	Depths 29 feet	21°57'17.5"N 159°20'57.8"W
		31 feet	21°57'22.3"N 159°20'58.7"W
		26 feet	21°57'25.6"N 159°21'23.5"W
★19383	15Ed. 11/13/82 LAST NM 49/83		
	Relocate	Buoy "9"	(47/83 CG14) 52/83
		(21°57'15.4"N 159°21'33.4"W) to	21°57'14.5"N 159°21'33.9"W
		(Supersedes 34/83T-19383)	
	Change	Color of buoys to green	
		"5"	21°57'13.2"N 159°21'17.5"W
		"7"	21°57'11.0"N 159°21'27.3"W
★19383	15Ed. 11/13/82 LAST NM 52/83		
	Change	Height of light (AERO) to 799ft	(NOS) 48/84 21°56'52.5"N 159°21'23.2"W
★19383	15Ed. 11/13/82 LAST NM 48/84		
	Add	Buoy "2", red nun	(24/85 CG14) 27/85 21°57'20.5"N 159°20'21.0"W
		Range beacons,	
		front, red and white	21°57'34.2"N 159°21'18.8"W
		rear, red and white,	
		181 yards 289.4° from front	
		Range line extending in 109.4°	
		direction from above rear light	
		dashed for 150 yards, thence	
		solid for 600 yards	
		Note: Beacons in line 289.4°	
★19383	15Ed. 11/13/82 LAST NM 27/85		
	Substitute	Range lights,	(30/85 CG14) 33/85
		front QR for beacon	21°57'34.2"N 159°21'18.8"W
		rear FR for beacon,	
		181 yards 289.4° from front	
		(See 27/85-19383	
19383	15Ed. 11/13/82 LAST NM 33/85		
	Relocate	Buoy "2" close SW to	(32/85 CG14) 35/85
		(See 27/85-19383)	21°57'19.5"N 159°20'21.3"W
★19383	15Ed. 11/13/82 LAST NM 35/85		
	Delete	Buoy "9"	(13/86 CG14) 16/86 21°57'14.5"N 159°21'33.9"W
	Add	Light "9" (articulated), Fl G 4s	21°57'13.9"N 159°21'34.3"W
★19383	15Ed. 11/13/82 LAST NM 16/86		
	Change	Color of buoy "1" to green	(21/87 CG14) 28/87 21°57'25"N 159°21'05"W
19384	6Ed. 5/18/74 LAST NM 19/74		
	Add	Note in lower left margin of chart	(MCNM7880/87) 6/87
		"UPDATING SERVICE	
		FOR THIS CHART, a listing of	
		NOTICE TO MARINERS corrections	
		subsequent to the print date is	
		available from the Director, Charting	
		and Geodetic Services, Attention:	
		N/CG22, National Ocean Service,	
		NOAA, Rockville Maryland 20852."	
19384	6Ed. 5/18/74 LAST NM 6/87		
	Delete	Note	(MCNM7880/87) 16/87
		"UPDATING SERVICE...Maryland	
		20852" in lower left margin	
		of chart	
		(Supersedes 6/87-19384)	
★19385	5Ed. 3/24/79	NEW EDITION	(NOS) 22/79

★19385	5Ed. 3/24/79 LAST NM 22/79 Change	Visibility (range) of light to 25M	(32/87 CG14) 46/87 22°14'06"N 159°24'17"W
★19386	8Ed. 4/26/86	NEW EDITION	(NOS) 29/86
★19387	8Ed. 12/14/85 Delete	NEW EDITION Light (Previously published N52/85)	(DMAHTC: 16/83 CG14) N11/86 21°53.2'N 159°29.5'W
	Delete	Buoy "2"	21°56.2'N 159°40.3'W
	Add	Note in right upper margin of chart "CAUTION The compass rose is misaligned and should not be used for navigation."	
		Legend "SEE CAUTION NOTE"	22°15.0'N 160°15.0'W
19387	8Ed. 12/14/85 LAST NM 11/86 Change	Light to Fl 6s 14ft 8M	(42/86 CG14) N45/86 21°54.0'N 159°35.6'W
19387	8Ed. 12/14/85 LAST NM 45/86 Change	Height of light to 32ft	(40/87 CG14) N45/87 21°53.8'N 159°35.2'W
19387	8Ed. 12/14/85 LAST NM 45/87 Delete	Buoys	(32/87 CG14) N46/87 22°09.7'N 159°46.7'W 22°02.2'N 159°47.7'W 22°02.2'N 159°47.6'W
	Change	Visibility (range) of light to 25M	22°14.0'N 159°24.3'W
19387	8Ed. 12/14/85 LAST NM 46/87 Add	Depth 255 fathoms	(MCNM8066/88) N11/88 21°53.6'N 159°55.7'W
19387	8Ed. 12/14/85 LAST NM 11/88 Delete	Buoys (See N46/87-19387)	(32/87 CG14) N33/88 22°03.1'N 159°47.8'W 22°03.3'N 159°47.7'W
★19388	1Ed. 5/15/76	NEW CHART	(DMAHC) N35/76
★19401	7Ed. 4/26/86	NEW EDITION	(NOS) 29/86
★19402	5Ed. 8/4/84	NEW EDITION	(NOS) 42/84
★19421	5Ed. 3/24/79	NEW EDITION	(NOS) 23/79
★19441	6Ed. 8/10/85	NEW EDITION	(NOS) 47/85
19442	3Ed. 3/29/75 LAST NM 25/75 Add	Note in lower left margin of chart "UPDATING SERVICE FOR THIS CHART, a listing of NOTICE TO MARINERS corrections subsequent to the print date is available from the Director, Charting and Geodetic Services, Attention: N/CG22, National Ocean Service, NOAA, Rockville Maryland 20852."	(MCNM7880/87) 6/87
19442	3Ed. 3/29/75 LAST NM 6/87 Delete	Note "UPDATING SERVICE...Maryland 20852" in lower left margin of chart (Supersedes 6/87-19442)	(MCNM7880/87) 16/87
★19461	4Ed. 3/24/79	NEW EDITION	(NOS) 23/79
★19480	6Ed. 5/23/81	NEW EDITION	(NOS) 30/81

★19480 6Ed. 5/23/81 LAST NM 30/81
Add Chartlet, depicting changes in hydrography, from back of Section I (NOS) 13/83
28°00.0'N 178°00.0'W

19480 6Ed. 5/23/81 LAST NM 13/83
Add Depth 84 fathoms (NVS7424/85) 16/85
28°19'36"N 178°24'15"W

★19481 8Ed. 12/28/85 NEW EDITION

★19481 8Ed. 12/28/85 LAST NM 10/86
Change Color of buoys, each to green (NOS) 10/86
"13" (24/87 CG14) 31/87
"21" 28°12'36"N 177°21'19"W
28°12'53"N 177°21'58"W

★19482 7Ed. 8/19/78 NEW EDITION

19482 7Ed. 8/19/78 LAST NM 44/78
Delete Legend "Antenna Field" (NOS) N44/78

19482 7Ed. 8/19/78 LAST NM 42/79
Delete Light (AERO) (NVS 5047/79) N42/79
28°12'16"N 177°19'26"W

Add Light (AERO) Rot W & G to position circle (accurate) "TANK" (NVS6207/80) N35/80
28°12'33.7"N 177°22'46.4"W
28°12'31.3"N 177°22'36.0"W

19482 7Ed. 8/19/78 LAST NM 35/80
Add Position circle (accurate) "TOWER" (CL1058/80) N41/80
28°12'33.6"N 177°22'46.2"W

★19482 7Ed. 8/19/78 LAST NM 41/80
Delete Buoy (36, 37/81 CG14) N41/81
28°13'27"N 177°21'57"W

Relocate Buoy "6" close SW to
28°11'55.7"N 177°21'13.8"W

19482 7Ed. 8/19/78 LAST NM 41/81
Relocate Buoy "22" close NE to (38/81 CG14) N42/81
28°13'14.4"N 177°22'11.0"W

★19482 7Ed. 8/19/78 LAST NM 42/81
Relocate Range light, rear close S to (43/81 CG14) N47/81
28°13'57.9"N 177°21'16.1"W

19482 7Ed. 8/19/78 LAST NM 47/81
Relocate Buoy "3" close S to (35/82 CG14) N40/82
28°11'44.5"N 177°21'19.9"W

19482 7Ed. 8/19/78 LAST NM 40/82
Relocate Buoy "22" close SW to (36/82 CG14) N41/82
28°13'13.1"N 177°22'14.0"W

19482 7Ed. 8/19/78 LAST NM 41/82
Change Characteristic of buoy "1" to Fl G 4sec (10/84 CG14) N13/84
28°11'25"N 177°21'21"W

19482 7Ed. 8/19/78 LAST NM 13/84
Delete Buoy "17" (26/84 CG14) N30/84
28°12'51"N 177°21'21"W

Relocate Buoys
"15" close N to
"21" close SE
and change designation to "19"
28°12'48.3"N 177°21'20.2"W
28°12'56.9"N 177°21'50.1"W

Change Designations of buoys
"23" to "21"
"19" to "17"
and color to green
28°12'53"N 177°21'58"W
28°12'59"N 177°21'29"W

Color of buoys, each to green
"7"
"11"
"1"
"1"
(See N13/84-19482)
28°11'59"N 177°21'18"W
28°12'26"N 177°21'19"W
28°12'28"N 177°21'28"W
28°11'25"N 177°21'21"W

Add Note in upper right margin of chart
"CAUTION
CHANGES IN BUOYAGE
Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse

(continued on next page)

19482	(Continued) Add	Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners."	N30/84
19482	7Ed. 8/19/78 LAST Change	NM 30/84 Color of buoy "19" to green	(26/85 CG14) N29/85 28°12′56.9″N 177°21′50.1″W
19482	7Ed. 8/19/78 LAST Change	NM 29/85 Color of buoys, each to green "3" "9" "15"	(42/85 CG14) N45/85 28°11′44.5″N 177°21′19.9″W 28°12′15.5″N 177°21′18.2″W 28°12′48.3″N 177°21′20.2″W
19482	7Ed. 8/19/78 LAST Delete	NM 45/85 Buoys "1" "2" "4"	(52/85 CG14) N5/86 28°12′35″N 177°20′41″W 28°12′32″N 177°20′33″W 28°12′29″N 177°20′18″W
★19482	7Ed. 8/19/78 LAST Relocate	NM 5/86 Buoy "6" (28°11′55.7″N 177°21′13.8″W) to	(30/86 CG14) N33/86 28°11′55.3″N 177°21′12.7″W
19482	7Ed. 8/19/78 LAST Change	NM 33/86 Color of buoys, each to green "13" "21"	(24/87 CG14) N31/87 28°12′36″N 177°21′19″W 28°12′53″N 177°21′58″W
★19483	4Ed. 10/6/79	NEW EDITION	(NOS) 5/80

SUBREGION 19

2Ed. 8/23/80 NEW EDITION

2Ed. 8/23/80 LAST NM 44/80
Add Light Gp Fl(4) 18M

2Ed. 8/23/80 LAST NM 43/82
Delete Depth 24 fathoms "Rep (1972)"

2Ed. 8/23/80 LAST NM 37/83
Add Depths 348 fathoms "Rep (1983)"
123 fathoms "Rep (1983)"

2Ed. 8/23/80 LAST NM 39/83
Change Characteristic of buoy "2" to Fl R

2Ed. 8/23/80 LAST NM 49/83
Add Depth 275 fathoms "Rep (1983)"

2Ed. 8/23/80 LAST NM 5/84
Add Depth 277 fathoms "Rep (1984)"

2Ed. 8/23/80 LAST NM 19/84
Change Visibility (range) of lights to 21M
25M

2Ed. 8/23/80 LAST NM 43/84
Add Light Fl(4) 5s 157ft

2Ed. 8/23/80 LAST NM 11/85
Add Depth 52 fathoms (PA)

2Ed. 8/23/80 LAST NM 10/86
Add Buoy, white and blue bands, Fl

2Ed. 8/23/80 LAST NM 16/86
Delete Buoy
(See 16/86-21004)

2Ed. 8/23/80 LAST NM 4/87
Add Light Fl 5s 5m 10M

2Ed. 8/23/80 LAST NM 34/87
Add Racon at light

2Ed. 8/23/80 LAST NM 4/88
Change Light to Fl 75m 22M

2Ed. 8/23/80 LAST NM 9/88
Add Light Fl 11M (PA)

5Ed. 12/26/81 NEW EDITION

5Ed. 12/26/81 LAST NM 8/82
Add Lights Fl(3) 19M
Fl 17M

5Ed. 12/26/81 LAST NM 44/82
Add Depth 25 fathoms "Rep (1981)" (PA)

5Ed. 12/26/81 LAST NM 3/83
Add Depth 260 fathoms "Rep (1983)"

5Ed. 12/26/81 LAST NM 5/84
Add Light Fl(4) 22M (PA)

5Ed. 12/26/81 LAST NM 7/84
Add Depth 19 fathoms "Rep (1985)" (PA)

5Ed. 12/26/81 LAST NM 28/85
Add Depth 35 fathoms "Rep (1985)" (PA)

5Ed. 12/26/81 LAST NM 30/85
Add Depths 127 fathoms "Rep (1985)" (PA)
66 fathoms "Rep (1985)" (PA)
65 fathoms "Rep (1985)" (PA)

5Ed. 12/26/81 LAST NM 37/85
Substitute Depth 98 (PA) fathoms for 65 fathoms

next page)

(DMAHTC) 44/80

(4(18)82 Mexico D.F.; BA LL) 43/82
31°28′N 116°36′W

(NVS7008/83) 37/83
32°39′N 119°34′W

(31(2033)83 Taunton) 39/83
30°58.3′N 116°40.3′W
31°16.8′N 116°43.6′W

(45/83 CG11) 49/83
32°26.5′N 119°07.2′W

(NVS7162/84) 5/84
31°16′30″N 116°51′06″W

(NVS7239/84) 19/84
31°36.8′N 117°21.0′W

(BA LL) 43/84
32°25.0′N 117°14.8′W
32°23.4′N 117°14.6′W

(12(5238)83 Mexico, D.F.) 11/85
32°31.9′N 17°07.1′W

(HNNM7700/86) 10/86
31°10′N 116°38′W

(44/83 CG11) 16/86
32°04.0′N 118°11.3′W

(53/86 CG11) 4/87
32°04.0′N 118°11.3′W

(11/12(35)86 Mexico D.F.) 34/87
31°53.4′N 116°42.6′W

(7(19)87 Mexico, D.F.) 4/88
31°48.6′N 116°48.9′W

(8(34)87 Mexico D.F.) 9/88
32°23.5′N 117°14.5′W

(23(1769)88 Taunton) 38/88
31°19.9′N 116°27.7′W

(DMAHTC) 8/82

(5(25, 27)82 Mexico, D.F.; BA LL) 44/82
28°49′N 114°24′W
29°17′N 114°52′W

(NVS6837/82) 3/83
29°33.0′N 116°28.0′W

(NVS7162/84) 5/84
29°54′54″N 116°05′36″W

(3(3)83 Mexico, D.F.) 7/84
28°59.1′N 118°18.7′W

(HNNM7491/85) 28/85
27°57.1′N 115°13.6′W

(HNNM7499/85) 30/85
27°59.6′N 115°24.6′W

(HNNM7553/85) 37/85
28°31′07″N 115°27′37″W
28°32′00″N 115°30′30″W
28°33′00″N 115°33′00″W

(HNNM7699/86) 10/86
29°02.0′N 115°14.0′W

21005	(Continued) Add	Depths 236 fathoms (PA) 138 fathoms (PA)	10/86 29°05.0'N 115°18.5'W 29°04.9'N 115°22.0'W
21005	5Ed. 12/26/81 LAST NM 10/86 Add	Depth 115 fathoms (PA)	(MCNM7785/86) 43/86 28°37.2'N 115°36.8'W
21005	5Ed. 12/26/81 LAST NM 43/86 Add	Racon at light	(7(18)87 Mexico, D.F.) 4/88 28°18.8'N 115°35.5'W
21005	5Ed. 12/26/81 LAST NM 4/88 Add	Depth 150 fathoms	(MCNM8056/88) 8/88 28°37.0'N 115°35.5'W
21005	5Ed. 12/26/81 LAST NM 8/88 Add	Depth 60 fathoms	(MCNM8076/88) 12/88 27°53.3'N 115°29.4'W
21005	5Ed. 12/26/81 LAST NM 12/88 Add	Depth 250 fathoms "Rep (1987)" (PA)	(MCNM8109/88) 27/88 29°36.6'N 116°52.0'W
21005	5Ed. 12/26/81 LAST NM 27/88 Add	Depths 39 fathoms (PA) 65 fathoms (PA)	(MCNM1024/89) 11/89 28°07.5'N 115°25.4'W 28°27.9'N 115°26.7'W
★**21008**	61Ed. 7/14/84 Delete	NEW EDITION Legend "Rep exting (1982)"	(DMAHTC) 37/84 27°49'N 110°48'W
21008	61Ed. 7/14/84 LAST NM 37/84 Add	Lights Fl(4) (PA) Fl R (PA)	(9(45, 46)83 Mexico, D.F.) 11/85 26°38.0'N 111°26.6'W 27°24.9'N 110°32.7'W
21008	61Ed. 7/14/84 LAST NM 11/85 Add	Light Fl 16M	(1(1)89 Mexico, D.F.) 15/89 31°18.0'N 113°32.8'W
★**21011**	5Ed. 5/5/84	NEW EDITION	(DMAHTC) 26/84
21011	5Ed. 5/5/84 LAST NM 26/84 Add	Depth 16 fathoms "Rep (1985)"	(36(2387)85 Taunton) 46/85 25°45.7'N 113°04.9'W
21011	5Ed. 5/5/84 LAST NM 46/85 Delete	Depth 63 fathoms	(MCNM7937/87) 21/87 25°19.5'N 112°52.3'W
	Add	Depths 52 fathoms "Rep (1987)" 42 fathoms "Rep (1987)" 38 fathoms "Rep (1987)"	25°16.6'N 112°49.5'W 25°19.5'N 112°52.3'W 25°30.5'N 113°02.8'W
21011	5Ed. 5/5/84 LAST NM 21/87 Add	Depth 60 fathoms	(MCNM8076/88) 12/88 27°53.3'N 115°29.4'W
★**21014**	72Ed. 1/21/84 Add	NEW EDITION Light Fl(2) 17M (PA)	(DMAHTC; 1(109-82)83 Mexico, D.F.; BA LL) 15/84 26°06.0'N 111°16.7'W
21014	72Ed. 1/21/84 LAST NM 15/84 Add	Depth 239 fathoms "Rep (1984)"	(NVS7302/84) 34/84 23°06.5'N 110°48.0'W
★**21014**	72Ed. 1/21/84 LAST NM 34/84 Delete	Random mark	(NVS7397/85) 9/85 22°54.0'N 110°03.5'W
21014	72Ed. 1/21/84 LAST NM 9/85 Add	Lights Fl(4) Fl (PA)	(9(45), 8(21)83 Mexico, D.F.) 11/85 26°38.0'N 111°26.7'W 25°11.5'N 108°23.6'W
21014	72Ed. 1/21/84 LAST NM 11/85 Add	Lights Fl (PA) Fl(2) Fl	(7(70)83 Mexico, D.F.) 13/85 22°28.5'N 105°45.5'W 22°04.8'N 105°38.0'W 24°15.9'N 107°27.1'W
★**21014**	72Ed. 1/21/84 LAST NM 13/85 Add	Depth 255 fathoms (PA)	(HNNM7565/85) 38/85 22°44.3'N 107°34.4'W
21014	72Ed. 1/21/84 LAST NM 38/85 Add	Depth 16 fathoms "Rep (1985)"	(36(2387)85 Taunton) 46/85 25°45.7'N 113°04.9'W
21014	72Ed. 1/21/84 LAST NM 46/85 Add	Depth 96 fathoms "Rep (1986)"	(HNNM7737/86) 15/86 24°45'N 110°10'W

21014	72Ed. 1/21/84 LAST NM 15/86		
	Change	Visibility (range) of lights to 11M	(16(1246)87 Taunton) 31/87
		21M	22°52.4'N 109°57.4'W
			22°53.6'N 109°50.4'W
21014	72Ed. 1/21/84 LAST NM 31/87		
	Add	Racon at light	(32(2431)87 Taunton) 1/88
			22°52.4'N 109°57.6'W
21014	72Ed. 1/21/84 LAST NM 1/88		
	Change	Characteristic of lights to Fl 6s	(7(21, 25, 27)87 Mexico, D.F.) 4/88
		Fl(3)	25°01.4'N 110°35.7'W
			24°53.8'N 110°43.3'W
	Add	Racon at light	23°10.6'N 106°26.8'W
★21017	50Ed. 3/16/85	NEW EDITION	
	Add	Lights Fl (PA)	(DMAHTC; BA LL) 23/85
		Fl(2)	22°28.8'N 105°46.2'W
		(Previously published 13/85)	22°06.0'N 105°38.6'W
	Change	Characteristic of lights to Fl(2)	18°43.0'N 110°57.2'W
		Fl(3)	22°54.0'N 109°50.5'W
		Fl(2)	23°03.9'N 109°39.5'W
		Fl(2)	23°13.9'N 109°26.0'W
		Fl(2)	21°36.2'N 106°33.1'W
		Fl(2)	21°32.5'N 105°18.6'W
		Fl(3)	21°15.6'N 106°16.0'W
		Fl(4)	20°43.7'N 105°51.0'W
		Fl(2)	20°45.7'N 105°33.0'W
		Fl(2)	20°41.0'N 105°36.6'W
		Fl(4)	20°13.6'N 105°35.5'W
		Fl(2)	19°22.7'N 105°01.7'W
21017	50Ed. 3/16/85 LAST NM 23/85		
	Add	Depth 255 fathoms (PA)	(HNNM7565/85) 38/85
			22°44.3'N 107°34.4'W
21017	50Ed. 3/16/85 LAST NM 38/85		
	Delete	Depth 335 fathoms	(40(2676)85 Taunton) 50/85
			19°13.5'N 105°00.5'W
	Add	Depth 6 fathoms 1 foot	
		"Rep (1985)" (PA)	19°15.8'N 105°00.5'W
21017	50Ed. 3/16/85 LAST NM 50/85		
	Add	Chartlet, depicting changes in	(HNNM7685/86) 7/86
		topography, from back of Section I	
			21°35'N 106°21'W
21017	50Ed. 3/16/85 LAST NM 7/86		
	Add	Depth 14 fathoms "Rep (1985)" (PA)	(48(3216)85 Taunton) 9/86
			18°55.5'N 104°35.5'W
21017	50Ed. 3/16/85 LAST NM 9/86		
	Add	Chartlet, depicting changes in	(HNNM7685/86) 10/86
		topography, from back of Section I	
		(Cancels 7/86-21017)	21°35'N 106°21'W
21017	50Ed. 3/16/85 LAST NM 10/86		
	Change	Visibility (range) of lights to 11M	(16(1246)87 Taunton) 31/87
		21M	22°52.2'N 109°57.6'W
			22°53.9'N 109°50.4'W
21017	50Ed. 3/16/85 LAST NM 31/87		
	Add	Lights Fl(3)	(11/12(39, 40)86 Mexico D.F.) 34/87
		Fl	20°30.5'N 105°25.5'W
			19°46.0'N 105°21.5'W
21017	50Ed. 3/16/85 LAST NM 34/87		
	Add	Racon at light	(32(2431)87 Taunton) 1/88
			22°52.2'N 109°57.6'W
21017	50Ed. 3/16/85 LAST NM 1/88		
	Add	Racon at light	(7(21)87 Mexico, D.F.) 4/88
			23°10.6'N 106°26.7'W
21020	42Ed. 10/17/81	NEW EDITION	
	Change	Visibility (range) of light to 17M	(DMAHTC; US LL) 51/81
			18°03.6'N 102°44.9'W
21020	42Ed. 10/17/81 LAST NM 51/81		
	Relocate	Light (AERO) close N to (PA)	(NVS6681/82) 26/82
		and change to Alt WG	16°45.6'N 99°46.0'W
21020	42Ed. 10/17/81 LAST NM 26/82		
	Change	Caution note title to "CAUTIONS"	(DMAHTC) 40/82
		and first line to "1. The elevations on	
		this chart were compiled from"	18°47'N 99°08'W

d on next page)

21020 (Continued)
Add — Caution No. 2 to cautions note
"2. The values of variation indicated at the center of each compass rose is correct. The magnetic compass roses may be misaligned and should not be used for navigation."

Legends "CAUTION NO 2"

21020 42Ed. 10/17/81 LAST NM 40/82
Add — Depth 53 fathoms "Rep (1982)"

21020 42Ed. 10/17/81 LAST NM 46/82
Add — Light Fl(4)

21020 42Ed. 10/17/81 LAST NM 52/82
Delete — Danger circles "Breakers (1925)"
"Breakers (1926)"

21020 42Ed. 10/17/81 LAST NM 17/83
Add — Depth 165 fathoms "Rep (1983)"

21020 42Ed. 10/17/81 LAST NM 37/83
Add — Light Iso 3s

21020 42Ed. 10/17/81 LAST NM 32/84
Substitute — Depth 15 fathoms for 38 fathoms

21020 42Ed. 10/17/81 LAST NM 50/84
Add — Light Fl (PA)

21020 42Ed. 10/17/81 LAST NM 13/85
Delete — Depth 335 fathoms

Add — Depth 6 fathoms 1 foot
"Rep (1985)" (PA)

21020 42Ed. 10/17/81 LAST NM 50/85
Add — Depth 14 fathoms "Rep (1985)" (PA)

21020 42Ed. 10/17/81 LAST NM 9/86
Add — Depth 0 fathom 5 feet Rk

21020 42Ed. 10/17/81 LAST NM 28/86
Add — Racon at light

★**21021** 2Ed. 9/5/81 NEW EDITION

21021 2Ed. 9/5/81 LAST NM 45/81
Add — Legend "Rep missing (1982)" to buoy

21021 2Ed. 9/5/81 LAST NM 17/82
Add — Note
"NOTE
Construction of east and west breakwater extensions reported in area."

(And Plan)
Change — Characteristic of light to Fl(3) Y 12s

(Plan)
Add — Legend "Work in progress (1982) SEE NOTE"

21021 2Ed. 9/5/81 LAST NM 43/82
Delete — Note

(And Plan)
Add — Double dashed lines (breakwater) 50 meters wide on centerline between

between

Legend "Under constr (1984)"

(continued on next page)

40/8

18°35.0'N 99°08.0'W

15°21.5'N 100°11.0'W
16°33.0'N 103°11.0'W
18°07.5'N 105°36.5'W

(36(2197)82 Taunton) 46/82
16°35'00"N 99°46'40"W

(SCT 4(73)82 Mexico, D.F.) 52/82
17°23'N 101°09'W

(NVS6903/83) 17/83
17°52.6'N 102°09.5'W
17°52.1'N 102°12.2'W

(NVS7017/83) 37/83
19°11.5'N 105°00.0'W

(22(1418)84 Taunton) 32/84
18°35.5'N 103°42.5'W

(NVS7360/84) 50/84
17°53.6'N 102°08.4'W

(7(66)83 Mexico, D.F.) 13/85
16°35.7'N 99°04.5'W

(40(2676)85 Taunton) 50/85
19°13.5'N 105°00.5'W

19°16.0'N 105°00.5'W

(48(3216)85 Taunton) 9/86
18°55.5'N 104°35.5'W

(Mex CH525; 28/86
17°41.3'N 101°40.2'W

(37(2793)88 Taunton) 3/89
16°48.8'N 99°54.1'W

(DMAHTC) 45/81

(NVS6634/82) 17/82
31°50'57"N 116°48'29"W

(NVS6778/82; BA LL) 43/82

31°55'15"N 116°40'03"W

31°50'36"N 116°37'56"W

31°50'32"N 116°37'39"W

(24(1628)85 Taunton) 34/85
31°55'15"N 116°40'03"W

31°50'14.8"N 116°37'40.1"W
31°50'35.0"N 116°37'54.8"W

31°50'15.8"N 116°37'30.0"W
31°50'28.4"N 116°37'02.1"W
31°50'18.0"N 116°37'34.0"W

21021	(Continued)		
		(Plan)	
	Delete	Legend "Work in progress (1982) See Note"	
21021	2Ed. 9/5/81 LAST NM 34/85		
	Add	Buoy, Y, can, Fl Y 4s	34/85
21021	2Ed. 9/5/81 LAST NM 9/87		
	Delete	Legend "Under constr (1984)"	
	Substitute	Double solid lines with land tint (breakwater) 50 meters wide on centerline for double dashed lines between	31°50'32"N 116°37'39"W
		between	(5/6(3)86 Mexico, D.F.) 9/87 31°50'N 116°51'W
		(Plan)	(MCNM7959/87) 31/87 31°50'18.0"N 116°37'34.0"W
	Add	Chartlet, depicting changes in hydrography, topography and aids to navigation, from back of Section I	
21021	2Ed. 9/5/81 LAST NM 31/87		
	Add	Light Fl 5s 5m 10M	31°50.9'N 116°37.7'W
21021	2Ed. 9/5/81 LAST NM 34/87		
	Add	Racon at light	(11/12(35)86 Mexico D.F.) 34/87 31°53'22"N 116°42'36"W
21021	2Ed. 9/5/81 LAST NM 4/88		
		(Plan)	(7(19)87 Mexico, D.F.) 4/88 31°48'28"N 116°48'42"W
	Add	Buoy G, Fl G 3s (See 31/87-21021)	(10(130)87 Mexico, D.F.) 20/88 31°51'00"N 116°38'01"W
★21023	41Ed. 3/3/84	NEW EDITION	(DMAHTC) 16/84
21023	41Ed. 3/3/84 LAST NM 16/84		
	Add	Lights Fl (PA)	(7(66,67)83 Mexico, D.F.) 13/85 16°35.5'N 99°04.4'W 16°12.5'N 98°12.1'W
21023	41Ed. 3/3/84 LAST NM 13/85		
	Add	Light Fl (PA)	(HNNM7697/86) 10/86 14°31.75'N 92°13.30'W 14°32.20'N 92°13.00'W
21023	41Ed. 3/3/84 LAST NM 10/86		
	Add	Racon at light	(7(23)87 Mexico, D.F.) 4/88 15°38.6'N 96°31.2'W
★21026	47Ed. 3/1/86	NEW EDITION	(DMAHTC) 18/86
21026	47Ed. 3/1/86 LAST NM 18/86		
	Change	Light to F 7M	(4(344)88 Taunton) 21/88 13°34.5'N 89°51.0'W
21026	47Ed. 3/1/86 LAST NM 21/88		
	Delete	Islet and legend "Reef Rock" Light	(MCNM8183/88) 1/89 13°30.0'N 89°48.5'W 13°29.0'N 89°19.5'W
★21033	45Ed. 7/9/83	NEW EDITION	(DMAHTC; NVS7015/83; 28(1843)83 Taunton) 40/83
	Change	Legend "Names...authoritative" to "The representation of international boundaries is not necessarily authoritative"	
		Characteristic of lights tc L Fl(3) L Fl L Fl L Fl	0°23.5'S 77°45.8'W 0°59.0'N 79°39.2'W 7°28.5'N 82°14.5'W 7°51.9'N 82°26.8'W 8°06.0'N 82°22.2'W
		Visibility (range) of light to 17M Light to 2 Fl 12M (vert)	0°56.2'S 80°44.2'W 8°01.1'N 82°53.0'W
	Add	Depth 487 meters R Bn (AERO)	5°40.6'N 81°48.6'W 8°47.0'N 79°33.5'W (US LL; US RA) 41/83 7°56.5'N 82°00.8'W
21033	45Ed. 7/9/83 LAST NM 40/83		
	Change	Characteristic of light to L Fl	

(Continued on next page)

21033 (Continued)
Add — R Bn — 41/83 0°58.8'N 79°40.0'W

21033 45Ed. 7/9/83 LAST NM 41/83
Change — Characteristic of light to Fl — (26/83 Bogota) 47/83 6°17.5'N 77°28.0'W

21033 45Ed. 7/9/83 LAST NM 47/83
Substitute — Depth 296 meters "Rep (1983)" for 320 meters "Rep (1975)" — (NVS7203/84) 12/84 8°04'N 83°53'W

21033 45Ed. 7/9/83 LAST NM 12/84
Add — Light Fl (PA) — (NVS7325/84) 41/84 7°12.5'N 80°53.0'W

21033 45Ed. 7/9/83 LAST NM 41/84
Add — Light Fl 12M — (44(2899)84 Taunton) 50/84 8°11.7'N 78°46.6'W

21033 45Ed. 7/9/83 LAST NM 50/84
Add — Depth 192 meters — (5(351)85 Taunton) 11/85 1°21.0'N 80°10.0'W

21033 45Ed. 7/9/83 LAST NM 11/85
Add — Light Fl 20M — (15/84 Bogota) 14/85 3°00.2'N 78°10.1'W

21033 45Ed. 7/9/83 LAST NM 14/85
Delete — Depth 192 meters (Supersedes 11/85-21033) — (NVS7419/85) 15/85 1°21.0'N 80°10.0'W

Add — Depth 192 meters — 1°26.0'N 80°07.0'W

21033 45Ed. 7/9/83 LAST NM 15/85
Add — Light Fl 20M — (17/85 Bogota) 43/85 5°29.2'N 77°32.7'W

21033 45Ed. 7/9/83 LAST NM 43/85
Add — Light Fl 10M — (43(2874)85 Taunton) 1/86 7°37.7'N 79°59.8'W

21033 45Ed. 7/9/83 LAST NM 1/86
Add — Light Fl 15s 13M — (8/86 Bogota) 39/86 3°59.1'N 81°34.2'W

21033 45Ed. 7/9/83 LAST NM 39/86
Add — Light Fl WR 20M with sectors white 013°-001°, red-013° — (23/86 Bogota) 47/86 6°49'48"N 77°41'14"W

21033 45Ed. 7/9/83 LAST NM 47/86
Change — Visibility (range) of light to 20M — (1(2)87 Guayaquil) 27/87 0°22.5'S 80°29.1'W

21033 45Ed. 7/9/83 LAST NM 27/87
Delete — Depth 9 meters, blue tint, and enclosing danger circle — (3(296)89 Taunton) 18/89 1°07.8'N 79°32.5'W

Change — Visibility (range) of light to 17M — 1°35.8'N 79°01.9'W

★21036 6Ed. 10/30/82 — NEW EDITION
Delete — Depth 10 fathoms "Rep (1953)" (Previously published 45/82) — (DMAHTC) 1/83 7°09.5'N 81°23.0'W

Add — Depth 113 fathoms (Previously published 45/82) — 7°09.7'N 81°19.3'W

21036 6Ed. 10/30/82 LAST NM 1/83
Add — Depth 266 fathoms — (28(1843)83 Taunton) 37/83 5°40.3'N 81°47.9'W

21036 6Ed. 10/30/82 LAST NM 37/83
Add — Buoy "T28" — (3(1)83 Guayaquil) 39/83 0°00' 85°00'W

21036 6Ed. 10/30/82 LAST NM 39/83
Change — Legend to "Isla Culpepper (rep to lie 2 miles further N)" — (37(2401)83 Taunton) 43/83 1°40'N 91°56'W

21036 6Ed. 10/30/82 LAST NM 43/83
Add — Depths 300 fathoms, 505 fathoms, 485 fathoms, 240 fathoms, 100 fathoms — (NVS6906/83) 48/83 7°45'N 85°52'W; 7°19'N 85°41'W; 7°40'N 84°45'W; 3°18'N 88°17'W; 7°32'N 84°02'W

21036 6Ed. 10/30/82 LAST NM 48/83
Substitute — Depth 162 fathoms "Rep (1983)" for 175 fathoms "Rep (1975)" — (NVS7203/84) 12/84 8°04'N 83°53'W

21036 6Ed. 10/30/82 LAST NM 12/84
Add — Light (PA) — (NVS7325/84) 41/84 7°12.5'N 80°53.0'W

21036 6Ed. 10/30/82 LAST NM 41/84
Add Light flare symbol

21036 6Ed. 10/30/82 LAST NM 50/84
Add Depth 105 fathoms

21036 6Ed. 10/30/82 LAST NM 11/85
Add Light

21036 6Ed. 10/30/82 LAST NM 14/85
Delete Depth 105 fathoms
(Supersedes 11/85-21036)

21036 6Ed. 10/30/82 LAST NM 15/85
Delete Light

21036 6Ed. 10/30/82 LAST NM 26/85
Add Light symbol

21036 6Ed. 10/30/82 LAST NM 43/85
Add Light symbol
Note: Marks islet

21036 6Ed. 10/30/82 LAST NM 1/86
Add Position circle "R Sta"

21036 6Ed. 10/30/82 LAST NM 7/86
Add Depth 210 fathoms "Rep (1986)"

21036 6Ed. 10/30/82 LAST NM 12/86
Substitute Depth 99 fathoms for 39 fathoms

21036 6Ed. 10/30/82 LAST NM 17/86
Add Light symbol

★21036 6Ed. 10/30/82 LAST NM 39/86
Delete Buoy "T28"
Light symbol

Add Light symbol
(Cancels 39/86-21036)

21036 6Ed. 10/30/82 LAST NM 44/86
Add Light symbol

21036 6Ed. 10/30/82 LAST NM 47/86
Delete Dangerous wreck

21036 6Ed. 10/30/82 LAST NM 7/88
Delete Depths 4¾ fathoms
and enclosing danger circle
5 fathoms "Rep (1968)"

Add Depth 6 fathoms

21036 6Ed. 10/30/82 LAST NM 24/88
Delete Depth 23 fathoms

21036 6Ed. 10/30/82 LAST NM 36/88
Add Depths 543 fathoms
541 fathoms

21036 6Ed. 10/30/82 LAST NM 7/89
Add Danger circle "Obstr Rep (1955)"

21036 6Ed. 10/30/82 LAST NM 8/89
Add Depth 310 fathoms "Rep (1969)"

★21060 32Ed. 5/14/83 NEW EDITION

21060 32Ed. 5/14/83 LAST NM 30/83
Add Depth 260 fathoms "Rep (1983)"

★21060 32Ed. 5/14/83 LAST NM 5/84
Add Depth 19 fathoms "Rep (1985)" (PA)

★21060 32Ed. 5/14/83 LAST NM 28/85
Add Depth 35 fathoms "Rep (1985)" (PA)

(44(2899)84 Taunton) 50/84
8°12.0'N 78°46.4'W

(5(351)85 Taunton) 11/85
1°21.0'N 80°10.0'W

(15/84 Bogota) 14/85
3°00.0'N 78°11.8'W

(NVS7419/85) 15/85
1°21.0'N 80°10.0'W

(11, 12/84 Callao) 26/85
3°24'S 80°19'W

(17/85 Bogota) 43/85
5°29'N 77°33'W

(43(2874)85 Taunton) 1/86
7°38'N 80°00'W

(46(3080)85 Taunton) 7/86
0°53.95'S 89°36.75'W

(HNNM7714/86) 12/86
7°40.9'N 84°47.1'W

(MCNM7744/86) 17/86
0°21.5'S 90°53.4'W

(8/86 Bogota) 39/86
3°59.0'N 82°34.5'W

(MCNM7837/86; 8/86 Bogota) 44/86
0°00.0' 85°00.0'W
3°59.0'N 82°34.5'W

3°59.0'N 81°34.5'W

(23/86 Bogota) 47/86
6°49.8'N 77°41.2'W

(42(3202)87 Taunton) 7/88
4°46'S 81°22'W

(MCNM7985/87) 24/88

1°17'S 80°57'W
1°18'S 80°54'W

1°18'S 80°56'W

(MCNM8141/88) 36/88
4°55.0'S 82°16.0'W

(34(35)88 Brest) 7/89
4°52'N 86°33'W
5°00'N 86°14'W

(MCNM1015/89) 8/89
7°13.0'N 80°22.5'W

(MCNM1063/89) 25/89
2°50'N 88°02'W

(DMAHTC) 30/83

(NVS7162/84) 5/84
29°54'54"N 116°05'36"W

(HNNM7491/85) 28/85
27°57.1'N 115°13.6'W

(HNNM7499/85) 30/85
27°59.6'N 115°24.6'W

★21060	32Ed. 5/14/83 LAST NM 30/85		
	Add	Depths 127 fathoms "Rep (1985)" (PA)	(HNNM7553/85) 37/85
			28°31'07"N 115°27'37"W
		66 fathoms "Rep (1985)" (PA)	28°32'00"N 115°30'30"W
		65 fathoms "Rep (1985)" (PA)	28°33'00"N 115°33'00"W
★21060	32Ed. 5/14/83 LAST NM 37/85		
	Add	Depths 236 fathoms (PA)	(HNNM7699/86) 10/86
			29°05.0'N 115°18.5'W
		98 fathoms (PA)	29°02.0'N 115°12.8'W
		138 fathoms (PA)	29°04.9'N 115°22.0'W
21060	32Ed. 5/14/83 LAST NM 10/86		
	Add	Depth 115 fathoms (PA)	(MCNM7785/86) 43/86
			28°37.2'N 115°36.8'W
21060	32Ed. 5/14/83 LAST NM 43/86		
	Add	Racon at light	(7(18)87 Mexico, D.F.) 4/88
			28°18.8'N 115°35.5'W
21060	32Ed. 5/14/83 LAST NM 4/88		
	Change	Visibility (range) of light to 14M	(Mex CH 601) 7/88
			27°51.2'N 115°05.0'W
	Add	Light Fl(4) 25s 197ft 20M	
			28°15.7'N 114°07.6'W
★21060	32Ed. 5/14/83 LAST NM 7/88		
	Add	Depth 150 fathoms	(MCNM8056/88) 8/88
			28°37.0'N 115°35.5'W
21060	32Ed. 5/14/83 LAST NM 8/88		
	Add	Depth 60 fathoms	(MCNM8076/88) 12/88
			27°53.3'N 115°29.4'W
★21060	32Ed. 5/14/83 LAST NM 12/88		
	Add	Depths 39 fathoms (PA)	(MCNM1024/89) 11/89
			28°07.5'N 115°25.4'W
		65 fathoms (PA)	28°27.9'N 115°26.7'W
★21061	14Ed. 10/20/84	NEW EDITION	(DMAHTC) 52/84
		(Previous edition canceled 31/82)	
★21080	29Ed. 5/22/82	NEW EDITION	(DMAHTC) 32/82
21080	29Ed. 5/22/82 LAST NM 32/82		
	Add	Depths 24 fathoms "Rep (1982)"	(38(2315)82 Taunton) 47/82
			26°46'40"N 114°01'30"W
		25 fathoms "Rep (1982)"	26°48'20"N 114°04'05"W
		36 fathoms "Rep (1982)"	26°55'13"N 114°13'52"W
		13 fathoms "Rep (1982)"	27°46'40"N 115°06'05"W
21080	29Ed. 5/22/82 LAST NM 47/82		
	Add	Depth 19 fathoms "Rep (1985)" (PA)	(HNNM7491/85) 28/85
			27°57.1'N 115°13.6'W
21080	29Ed. 5/22/82 LAST NM 28/85		
	Add	Depths 58 fathoms (PA)	(HNNM7497/85) 29/85
			27°19.0'N 114°46.8'W
		49 fathoms (PA)	27°14.2'N 114°42.4'W
21080	29Ed. 5/22/82 LAST NM 29/85		
	Add	Depth 35 fathoms "Rep (1985)" (PA)	(HNNM7499/85) 30/85
			27°59.6'N 115°24.6'W
21080	29Ed. 5/22/82 LAST NM 30/85		
	Add	Racon at light	(7(18)87 Mexico, D.F.) 4/88
			28°18.8'N 115°35.5'W
21080	29Ed. 5/22/82 LAST NM 4/88		
	Add	Depth 60 fathoms	(MCNM8076/88) 12/88
			27°53.3'N 115°29.4'W
21080	29Ed. 5/22/82 LAST NM 12/88		
	Add	Depth 39 fathoms (PA)	(MCNM1024/89) 11/89
			28°07.5'N 115°25.4'W
★21081	14Ed. 10/13/84	NEW EDITION	(DMAHTC) 51/84
		(Previous edition canceled 31/82)	
★21100	29Ed. 8/16/86	NEW EDITION	(DMAHTC) 43/86
21100	29Ed. 8/16/86 LAST NM 43/86		
	Delete	Depth 115 meters	(MCNM7937/87) 21/87
			25°19.5'N 112°52.3'W
	Add	Depths 97 meters "Rep (1987)"	25°16.6'N 112°49.5'W
		78 meters "Rep (1987)"	25°19.5'N 112°52.3'W
		72 meters "Rep (1987)"	25°30.5'N 113°02.8'W

★21120 27Ed. 9/27/86 NEW EDITION
Add Legend "(PA)" to light
Depths 5.5 meters "Rep (1985)" (PA)
10 meters "Rep (1985)" (PA)
8 meters "Rep (1985)" (PA)

21120 27Ed. 9/27/86 LAST NM 51/86
Delete Light

Change Lights to Fl 6s 219m 11M
Fl(3) 13s 64m 21M

Height of lights to 30m
18m

Add Light Q (PA)

21120 27Ed. 9/27/86 LAST NM 31/87
Add Racon at light

21120 27Ed. 9/27/86 LAST NM 1/88
Change Characteristic of light to Fl(2) 10s

21120 27Ed. 9/27/86 LAST NM 4/88
Change Characteristic of range lights,
front to Fl
rear to Iso

21120 27Ed. 9/27/86 LAST NM 9/88
Change Visibility (range) of light to 11M

★21121 17Ed. 1/17/76 NEW EDITION

21121 17Ed. 1/17/76 LAST NM 13/76
Delete Buoy
Ra Ref from buoy

Change Visibility (range) of light to 9M

21121 17Ed. 1/17/76 LAST NM 10/77
Change Light to Fl 3sec 83ft 17M

21121 17Ed. 1/17/76 LAST NM 22/77
Delete Stranded wreck

Add Stranded wreck

21121 17Ed. 1/17/76 LAST NM 7/79
Change Characteristic of range light,
front to Fl

21121 17Ed. 1/17/76 LAST NM 9/88
Change Light to Fl 3s 83ft 11M

★21122 4Ed. 10/29/88 NEW EDITION

★21125 12Ed. 5/10/86 NEW EDITION

(Previous edition canceled 31/82)

Change Characteristic of buoy "2" to Fl R

Add (And Plan)
Buoy RB, Fl(2) 10s

21125 12Ed. 5/10/86 LAST NM 28/86
Change Characteristic of light to Fl 6s

21125 12Ed. 5/10/86 LAST NM 4/88
Add (And Plan)
Depths 3 meters (PA)
2 meters (PA)

★21139 1Ed. 10/1/88 NEW CHART

(DMAHTC; MCNM7785/86) 51/86
24°31′N 112°01′W
23°26′N 110°55′W
23°24′N 110°56′W
23°24′N 111°06′W

(16(1245-1247), 18(1415)87 Taunton) 31/87
24°22.7′N 110°18.8′W

22°52.8′N 109°57.6′W
22°54.2′N 109°50.6′W

23°14.3′N 109°26.3′W
24°31.2′N 112°01.0′W

23°57.5′N 110°52.3′W

(32(2431)87 Taunton) 1/88
22°52.8′N 109°57.6′W

(7(30)87 Mexico, D.F.) 4/88
24°35.9′N 110°23.5′E

(8(100)87 Mexico D.F.) 9/88

24°32.4′N 111°48.7′W
24°32.4′N 111°48.3′W

(23(1770)88 Taunton) 38/88
24°27.2′N 112°07.3′W

(DMAHC) 13/76

(Mex CH 614) 10/77
24°39.8′N 112°06.3′W
24°39.7′N 112°06.0′W

24°38.8′N 112°08.8′W

(Mex LL) 22/77
24°47.2′N 112°07.7′W

(Mex CH 604) 7/79
24°21.1′N 111°40.0′W

24°18.7′N 111°42.2′W

(8(100)87 Mexico D.F.) 9/88

24°32′28″N 111°49′15″W

(23(1770)88 Taunton) 38/88
24°47′15″N 112°07′45″W

(DMAHTC) 12/89

(DMAHTC; 10(16179)84 Mexico; D.F.;
Mex CH 359) 28/86

24°12′53″N 110°18′32″W

24°13′25″N 110°19′08″W

(7(28)87 Mexico, D.F.) 4/88
24°17′51″N 110°20′57″W

(28(2145)88 Taunton) 45/88

24°11′02.0″N 110°18′29.8″W
24°10′38.3″N 110°18′47.2″W

(DMAHTC) 49/88

best copy available

★21141	23Ed. 11/3/84		NEW EDITION (Previous edition canceled 31/82)	(DMAHTC) 3/85
21141	23Ed. 11/3/84 LAST NM 3/85			
	Substitute	Depth 318 fathoms for 18 fathoms		(MCNM7973/87) 41/87 26°18.4'N 111°04.6'W
21141	23Ed. 11/3/84 LAST NM 41/87			
	Change	Characteristic of light to Fl 6s		(7(24)87 Mexico, D.F.) 4/88 25°31.5'N 111°00.9'W
★21159	1Ed. 2/25/89		NEW CHART	(DMAHTC) 20/89
★21161	19Ed. 3/13/76		NEW EDITION	(DMAHC) 17/76
21161	19Ed. 3/13/76 LAST NM 17/76			
	Add	Light Fl(4) 25s 45ft (PA)		(9(45)83 Mexico, D.F.) 11/85 26°37'52"N 111°26'29"W
★21182	34Ed. 4/21/84		NEW EDITION	(DMAHTC) 25/84
21182	34Ed. 4/21/84 LAST NM 25/84			
	Add	Depths 6.7 meters		(26(1702)84 Taunton) 35/84 27°54'25"N 110°51'38"W
		8.2 meters		27°54'12"N 110°51'28"W
		7.3 meters		27°55'01"N 110°52'04"W
21182	34Ed. 4/21/84 LAST NM 35/84			
	Change	Visibility (range) of light to 11M		(Mex CH 229) 47/88 27°53'59"N 110°51'34"W
		Range lights, front to Fl 90m 24M		27°55'53"N 110°53'48"W
		rear to Fl 100m 25M		27°56'04"N 110°53'23"W
	Add	Lights Fl G		27°54'56"N 110°52'37"W
		Fl R		27°54'56"N 110°52'38"W
		Depth 3 meters		27°54'58"N 110°51'52"W
★21301	12Ed. 3/1/86		NEW EDITION	(DMAHTC; HNNM7509/85) 21/86
	Add	(And Plan) Position circle "MICRO TR (R Lt)		23°12'03.5"N 106°25'46.0"W
21301	12Ed. 3/1/86 LAST NM 21/86			
	Add	(And Plan) Racon at light		(7(21)87 Mexico, D.F.) 4/88 23°10'39"N 106°25'41"W
21301	12Ed. 3/1/86 LAST NM 4/88			
	Add	(And Plan) Light Iso G 6m		(10(82)88 Mexico, D.F.) 9/89 23°11'17.2"N 106°25'01.2"W
★21338	2Ed. 4/12/86		NEW EDITION	(DMAHTC) 25/86
★21342	27Ed. 3/29/86		NEW EDITION	(DMAHTC) 23/86
★21384	3Ed. 9/17/88		NEW EDITION	(DMAHTC) 46/88
★21401	19Ed. 1/27/79		NEW EDITION	(DMAHTC) 14/79
21401	19Ed. 1/27/79 LAST NM 14/79			
	Add	Light flare symbol to light dot		(US LL) 8/84 16°49'07"N 99°54'56"W
21401	19Ed. 1/27/79 LAST NM 8/84			
	Add	Depth 4.8 meters Rk "Rep (1984)" (PA)		(NVS7219/84) 14/84 16°49'58"N 99°55'40"W
21401	19Ed. 1/27/79 LAST NM 14/84			
	Add	Lights Fl G 6sec 6m 9M		(Mex CH S.M. 529) 19/84 16°50'32"N 99°54'36"W
		Fl R 6sec 6m 9M		16°50'33"N 99°54'18"W
21401	19Ed. 1/27/79 LAST NM 19/84			
	Add	Racon at light		(37(2793)88 Taunton) 3/89 16°48'52"N 99°54'40"W
★21441	26Ed. 8/16/86		NEW EDITION	
	Change	Light to Fl(2) 23M		(DMAHTC; Mex LL) 1/87 16°09'42"N 95°11'15"W

(continued on next page)

★21441	(Continued)		1/87
		(Plan)	
	Change	Light to Fl(2) 15s 78m 23M	16°09'42"N 95°11'15"W
21441	26Ed. 8/16/86 LAST NM 1/87		
	Change	Light to Fl(2) 23M	(Mex LL) 9/87
		(See 1/87-21441)	16°09'42"N 95°12'15"W
		(Plan)	
	Change	Light to Fl(2) 15s 78m 23M	16°09'42"N 95°12'15"W
		(See 1/87-21441)	
21441	26Ed. 8/16/86 LAST NM 9/87		
		(And Plan)	(MCNM7965/87) 35/87
	Change	Legend to "ANCHORAGE PROHIBITED"	16°07'40"N 95°13'17"W
★21478	1Ed. 6/23/79	NEW CHART	(DMAHTC) 34/79
21478	1Ed. 6/23/79 LAST NM 34/79		
	Delete	Light	(32(1868)81 Taunton) 42/81 14°42'59"N 92°25'37"W
	Substitute	Light Fl 6sec for Bn "FARO NUEVO"	14°42'18"N 92°24'52"W
★21481	12Ed. 2/21/81	NEW EDITION	(DMAHTC) 17/81
		(Plan C)	
	Change	Legend to "VAR 5°00'E (1980)"	13°26'56"N 89°20'15"W
		(Plan D)	
	Change	Characteristic of light to FR	13°54'59"N 90°49'45"W
21481	12Ed. 2/21/81 LAST NM 17/81		
		(Plan Puerto de San Jose)	(40(2454)82 Taunton) 47/82
	Add	Legend "Work in progress (1982)"	13°55'01"N 90°48'04"W
21481	12Ed. 2/21/81 LAST NM 47/82		
		(Plan D)	(NVS7143/83) 2/84
	Add	Chartlet, depicting changes in topography from back of Section I	13°55.3'N 90°48.1'W
★21481	12Ed. 2/21/81 LAST NM 2/84		
		(Plan Champerico)	(NVS7182/84) 7/84
	Delete	Plan designation letter	14°15'15"N 91°57'58"W
		(Plan La Libertad)	
	Delete	Plan designation letter	13°25'03"N 89°21'05"W
		(Plan Puerto de San Jose)	
	Delete	Plan designation letter	13°51'58"N 90°51'25"W
★21481	12Ed. 2/21/81 LAST NM 7/84		
	Change	DMA Stock No. to 21BHA21481 in lower right corner of chart	(DMAHTC) 8/84
21481	12Ed. 2/21/81 LAST NM 8/84		
		(Plan Puerto de San Jose)	(HNNM7670/86) 6/86
	Add	Chartlet, depicting changes in hydrography and aids to navigation, from back of Section I (Supersedes 2/84-21481)	13°55.3'N 90°48.1'W
21481	12Ed. 2/21/81 LAST NM 6/86		
	Change	Legend in lower right margin of chart to "Plans in Guatemala and El Salvador SOUNDINGS IN FATHOMS" Note: Applicable to certain copies of this chart only	(HNNM7687/86) 21/86
21481	12Ed. 2/21/81 LAST NM 21/86		
		(Plan Puerto de San Jose)	(HNNM7670/86) 24/86
	Delete	Solid line between	13°55'24"N 90°47'49"W 13°55'35"N 90°47'57"W
		(See 6/86-21481)	
★21481	12Ed. 2/21/81 LAST NM 24/86		
	Delete	Plan (La Libertad)	(DMAHTC) 40/86 13°27'N 89°19'W

21481	12Ed. 2/21/81 LAST NM 40/86		(BA RA) 18/88
	Delete	(Plan Puerto de San Jose) R Bn (See 6/86-21481)	13°55′46″N 90°48′20″W
★21500	1Ed. 8/10/85	NEW CHART	(DMAHTC) 42/85
★21500	1Ed. 8/10/85 LAST NM 42/85		
	Add	Depth 393 meters "Rep (1986)"	(HNNM7714/86) 12/86 7°40.9′N 84°47.1′W
21500	1Ed. 8/10/85 LAST NM 12/86		
	Delete	Light	(MCNM8183/88) 1/89 13°29.0′N 89°19.5′W
21500	1Ed. 8/10/85 LAST NM 1/89		
	Add	Depths 990 meters 994 meters	(34(35)88 Brest) 7/89 5°00′N 86°14′W 4°52′N 86°33′W
★21510	1Ed. 8/31/85	NEW CHART	(DMAHTC) 47/85
21510	1Ed. 8/31/85 LAST NM 47/85		
	Add	Lights Fl 4s (PA)	(HNNM7697/86) 10/86 14°31′46″S 92°13′17″W 14°31′55″S 92°13′09″W
21510	1Ed. 8/31/85 LAST NM 10/86		
	Delete	Purple outline of chart 21491	(4(344)88 Taunton; MCNM8049/88) 21/88 13°34.2′N 89°51.1′W
	Change	Light to F 26m 7M	13°34.5′N 89°51.3′W
21510	1Ed. 8/31/85 LAST NM 21/88		
	Delete	Islet and legend "Reef Rock"	(MCNM8183/88) 1/89 13°30.0′N 89°48.4′W
★21520	1Ed. 12/22/84	NEW CHART	
	Change	Legend to "Punta de Amapala" Period of light to 15s	(DMAHTC; BA LL; US CH 21521) 7/85 13°09′30″N 87°51′30″W 13°09′27″N 87°54′00″W
21520	1Ed. 12/22/84 LAST NM 7/85		
	Substitute	Dangerous wreck for stranded wreck	(HNNM7718/86) 12/86 13°08.7′N 88°27.2′W
21520	1Ed. 12/22/84 LAST NM 12/86		
	Delete	Light	(MCNM7890/87) 6/87 13°16.6′N 87°39.8′W
21520	1Ed. 12/22/84 LAST NM 6/87		
	Delete	Purple outline of chart 21491	(MCNM8049/88; 4(344)88 Taunton) 21/88 13°34.2′N 89°51.1′W
	Change	Light to F 26m 7M	13°34.5′N 89°51.3′W
21520	1Ed. 12/22/84 LAST NM 21/88		
	Delete	Islet and legend "Reef Rock"	(MCNM8183/88) 1/89 13°30.1′N 89°48.5′W
		Light	13°28.9′N 89°19.1′W
		Depth 13.7 meters	13°27.5′N 89°28.8′W
		Purple outline of chart 21481	13°27.5′N 89°28.8′W
21520	1Ed. 12/22/84 LAST NM 1/89		
	Delete	Depth 13.7 meters (See 1/89-21520)	(MCNM8183/88) 6/89 13°27.5′N 89°18.8′W
★21521	12Ed. 4/20/85	NEW EDITION	(DMAHTC) 23/85
21521	12Ed. 4/20/85 LAST NM 23/85		(HNNM7739/86) 16/86
	Delete	Buoys	
		(undesignated)	
		"A1"	13°11′53″N 87°35′02″W
		"A2"	13°13′18″N 87°34′49″W
		"B3"	13°13′18″N 87°34′45″W
		"B4"	13°15′14″N 87°33′59″W
		"B5"	13°15′11″N 87°33′55″W
		"B6"	13°16′09″N 87°33′21″W
		"C7"	13°16′05″N 87°33′15″W
		"C8"	13°17′28″N 87°31′40″W
		"C9"	13°17′22″N 87°31′37″W
		"C10"	13°18′01″N 87°30′31″W
		"D11"	13°17′55″N 87°30′29″W
		"D12"	13°19′24″N 87°29′06″W 13°19′23″N 87°29′00″W

(continued on next page)

21521 (Continued)

Delete

"E13"
"E14"
"G15"
"G16"

Lights (articulated)
"A"
"A"
"B"
"B"
"C"
"C"
"D"
"D"
"E"
"E"
"F"
"G"
"G"

16/86
13°20′59″N 87°28′12″W
13°20′55″N 87°28′08″W
13°22′55″N 87°25′49″W
13°22′51″N 87°25′44″W

13°12′21″N 87°34′54″W
13°12′23″N 87°34′57″W
13°14′13″N 87°34′37″W
13°14′14″N 87°34′41″W
13°16′49″N 87°32′43″W
13°16′54″N 87°32′47″W
13°18′28″N 87°29′22″W
13°18′32″N 87°29′25″W
13°20′16″N 87°28′40″W
13°20′20″N 87°28′44″W
13°21′37″N 87°27′40″W
13°21′46″N 87°26′11″W
13°21′51″N 87°26′16″W

Add

Note in right upper margin of chart
"BUOYAGE
IALA Buoyage System (Region B) is in effect in the area covered by this chart. See Chart No. 1."

Buoys
(undesignated), red and white stripes, Mo(A)
"3", green
"4", red
"7", green
"8", red
"9", green
"10", red
"13", green
"14", red
"15", green
"18", red
"19", green
"20", red
"22", red
"23", green
"24", red
"26", red
"27", green
"30", red
"31", green

Lights (articulated)
"1", green, Fl G 3s
"2", red, Fl R 3s
"5", green, Fl G 5s
"6", red, Fl R 5s
"11", green, Fl G 5s
"12", red, Fl R 5s
"16", red, Fl R 3s
"17", green, Fl G 3s
"21", green, Fl G 3s
"25", green, Fl G 7s
"28", red, Fl R 3s
"29", green, Fl C 3s
"33", green, Fl G 5s

13°11′52″N 87°34′59″W
13°13′08″N 87°34′55″W
13°13′04″N 87°34′40″W
13°14′45″N 87°34′30″W
13°14′37″N 87°34′17″W
13°15′52″N 87°33′47″W
13°15′41″N 87°33′26″W
13°17′48″N 87°31′11″W
13°17′12″N 87°31′46″W
13°18′04″N 87°30′31″W
13°19′07″N 87°28′55″W
13°19′08″N 87°29′13″W
13°19′42″N 87°28′53″W
13°20′14″N 87°28′34″W
13°21′10″N 87°28′12″W
13°21′27″N 87°27′28″W
13°21′37″N 87°26′54″W
13°21′47″N 87°26′56″W
13°22′49″N 87°25′42″W
13°22′25″N 87°26′02″W

13°12′28″N 87°35′00″W
13°12′23″N 87°34′48″W
13°14′17″N 87°34′47″W
13°14′12″N 87°34′32″W
13°16′57″N 87°32′53″W
13°16′44″N 87°32′43″W
13°18′27″N 87°29′17″W
13°18′36″N 87°29′31″W
13°20′20″N 87°28′53″W
13°21′39″N 87°27′39″W
13°21′44″N 87°26′10″W
13°21′53″N 87°26′18″W
13°22′52″N 87°25′50″W

21521 12Ed. 4/20/85 LAST NM 16/86

Substitute

Buoys for lights (articulated)
"1", green, Fl G 3s
"2", red, Fl R 3s
"5", green, Fl G 5s
"6", red, Fl R 5s
"11", green, Fl G 5s
"12", red, Fl R 5s
"16", red, Fl R 3s
"17", green, Fl G 3s
"21", green, Fl G 3s
"25", green, Fl G 7s
"28", red, Fl R 3s
"29", green, Fl G 3s
"33", green, Fl G 5s
(See 16/86-21521)

(HNNM7739/86) 20/86

13°12′28″N 87°35′00″W
13°12′23″N 87°34′48″W
13°14′17″N 87°34′47″W
13°14′12″N 87°34′32″W
13°16′57″N 87°32′53″W
13°16′44″N 87°32′43″W
13°18′27″N 87°29′17″W
13°18′36″N 87°29′31″W
13°20′20″N 87°28′53″W
13°21′39″N 87°27′39″W
13°21′44″N 87°26′10″W
13°21′53″N 87°26′18″W
13°22′52″N 87°25′50″W

21521	12Ed. 4/20/85 LAST NM 20/86			(MCNM7890/87) 6/87
	Delete	Light		13°16.5'N 87°40.0'W
★21522	4Ed. 5/7/88		NEW EDITION	(DMAHTC) 31/88
★21523	2Ed. 10/4/75		NEW EDITION	(DMAHC) 49/75
★21523	2Ed. 10/4/75 LAST NM 49/75			(NVS6855/83) 8/83
	Delete	Light		13°16'27"N 87°40'05"W
21523	2Ed. 10/4/75 LAST NM 8/83			(NVS7024/83) 39/83
	Add	Depths 1 fathom 5 feet		13°16'14"N 87°40'57"W
		2 fathoms 4 feet		13°17'18"N 87°40'13"W
		1 fathom		13°17'19"N 87°39'34"W
		2 fathoms 4 feet		13°17'39"N 87°39'50"W
		0 fathom 4 feet		13°17'37"N 87°39'25"W
★21523	2Ed. 10/4/75 LAST NM 39/83			
	Change	DMA Stock No. to 21BHA21523		(DMAHTC) 21/84
		Note: Applicable to certain copies of this chart only		
21523	2Ed. 10/4/75 LAST NM 21/84			
	Delete	Depth 3 fathoms 1 foot		(HNNM7514/85) 31/85
				13°16'58.8"N 87°39'40.9"W
	Substitute	Depths 2 fathoms 4 feet for		
		1 fathom 4 feet		13°16'57.2"N 87°39'40.0"W
		2 fathoms 2 feet for		
		1 fathom 3 feet		13°16'54.9"N 87°39'40.8"W
		2 fathoms 1 foot for		
		5 fathoms 4 feet		13°16'55.0"N 87°39'43.5"W
		1 fathom for 0 fathom 3 feet		13°16'45.4"N 87°39'44.1"W
		2 fathoms 2 feet for		
		4 fathoms 1 foot		13°16'52.9"N 87°39'44.1"W
		2 fathoms 1 foot for		
		3 fathoms 4 feet		13°16'51.3"N 87°39'44.9"W
		2 fathoms 1 foot for		
		4 fathoms 1 foot		13°16'49.2"N 87°39'45.8"W
		2 fathoms 1 foot for		
		4 fathoms		13°16'47.5"N 87°39'46.3"W
		1 fathom 3 feet for		
		3 fathoms 3 feet		13°16'59.9"N 87°39'42.2"W
		3 fathoms 1 foot for		
		6 fathoms 3 feet		13°16'54.4"N 87°39'46.1"W
		3 fathoms 3 feet for 8 fathoms		13°16'56.3"N 87°39'46.5"W
		3 fathoms 2 feet for		
		6 fathoms 1 foot		13°16'59.1"N 87°39'45.9"W
		4 fathoms 1 foot for		
		8 fathoms		13°16'55.1"N 87°39'48.2"W
	Add	Depth 1 fathom 1 foot		13°16'44.6"N 87°39'46.8"W
21523	2Ed. 10/4/75 LAST NM 31/85			
	Delete	Lights		(MCNM7890/87) 6/87
				13°17'39"N 87°39'11"W
				13°16'36"N 87°40'06"W
★21524	1Ed. 8/2/86		NEW CHART	(DMAHTC) 40/86
21524	1Ed. 8/2/86 LAST NM 40/86			
		(And Plan A)		(4(344)88 Taunton) 21/88
	Change	Light to F 26m 7M		13°34'39"N 89°50'33"W
21524	1Ed. 8/2/86 LAST NM 21/88			
	Delete	Islet and legend "Reef Rock"		(MCNM8183/88) 1/89
				13°30'07"N 89°48'30"W
		(And Plan A)		
	Delete	Light from buoys (mooring)		13°33'39"N 89°50'30"W
				13°33'33"N 89°50'31"W
		(And Plan B)		
	Delete	Light		
		Depth 13.7 meters (PA)		13°29'06"N 89°19'10"W
				13°27'35"N 89°19'00"W
★21525	18Ed. 7/18/87		NEW EDITION	(DMAHTC) 39/87
★21526	2Ed. 10/15/83		NEW EDITION	(DMAHTC) 50/83

★21526	2Ed. 10/15/83 LAST NM 50/83		(DMAHTC) 21/84
	Change	DMA Stock No. to 21BHA21526 in lower left margin of chart Note: Applicable to certain copies of this chart only	
★21526	2Ed. 10/15/83 LAST NM 21/84		(NVS7283/84) 28/84
	Substitute	Lights (articulated)	
		"A" Fl R 3s for buoy "A"	13°12'21.5"N 87°34'54.0"W
		"A" Fl G 3s for buoy "A"	13°12'23.0"N 87°34'57.3"W
		"B" Fl R 3s for buoy "B"	13°14'13.5"N 87°34'37.4"W
		"B" Fl G 3s for buoy "B"	13°14'14.5"N 87°34'41.4"W
		"C" Fl R 3s for buoy "C"	13°16'49.4"N 87°32'43.1"W
		"C" Fl G 3s for buoy "C"	13°16'54.2"N 87°32'47.5"W
		"D" Fl R 3s for buoy "D"	13°18'28.5"N 87°29'22.4"W
		"D" Fl G 3s for buoy "D"	13°18'31.8"N 87°29'25.5"W
		"E" Fl R 3s for buoy "E"	13°20'15.9"N 87°28'40.3"W
		"E" Fl G 3s for buoy "E"	13°20'19.7"N 87°28'44.0"W
		(And Plan)	
	Substitute	Light (articulated)	
		"F" Fl G 3s for buoy "F"	13°21'37.1"N 87°27'39.6"W
		(Plan)	
	Substitute	Lights (articulated)	
		"G" Fl R 3s for buoy "G"	13°21'45.7"N 87°26'11.1"W
		"G" Fl G 3s for buoy "G"	13°21'50.9"N 87°26'15.7"W
21526	2Ed. 10/15/83 LAST NM 28/84		(HNNM7739/86) 16/86
	Delete	Buoys	
		(undesignated)	13°11'53"N 87°35'02"W
		"A1"	13°13'18"N 87°34'49"W
		"A2"	13°13'18"N 87°34'45"W
		"B3"	13°15'14"N 87°33'59"W
		"B4"	13°15'11"N 87°33'55"W
		"B5"	13°16'09"N 87°33'21"W
		"B6"	13°16'05"N 87°33'15"W
		"C7"	13°17'28"N 87°31'40"W
		"C8"	13°17'22"N 87°31'37"W
		"C9"	13°18'01"N 87°30'31"W
		"C10"	13°17'55"N 87°30'29"W
		"D11"	13°19'24"N 87°29'06"W
		"D12"	13°19'23"N 87°29'00"W
		"E13"	13°20'59"N 87°28'12"W
		"E14"	13°20'55"N 87°28'08"W
		Lights (articulated)	
		"A"	13°12'21"N 87°34'54"W
		"A"	13°12'23"N 87°34'57"W
		"B"	13°14'13"N 87°34'37"W
		"B"	13°14'14"N 87°34'41"W
		"C"	13°16'49"N 87°32'43"W
		"C"	13°16'54"N 87°32'47"W
		"D"	13°18'28"N 87°29'22"W
		"D"	13°18'32"N 87°29'25"W
		"E"	13°20'16"N 87°28'40"W
		"E"	13°20'20"N 87°28'44"W
	Add	Note in right upper margin of chart "BUOYAGE IALA Buoyage System (Region B) is in effect in the area covered by this chart. See Chart No. 1."	
		Buoys	
		(undesignated), red and white stripes, Mo(A)	13°11'51.7"N 87°34'59.2"W
		"3", green	13°13'07.6"N 87°34'55.4"W
		"4", red	13°13'04.4"N 87°34'40.2"W
		"7", green	13°14'45.3"N 87°34'29.8"W
		"8", red	13°14'36.9"N 87°34'17.5"W
		"9", green	13°15'52.1"N 87°33'46.8"W
		"10", red	13°15'40.6"N 87°33'25.6"W
		"13", green	13°17'48.1"N 87°31'11.0"W
		"14", red	13°17'12.3"N 87°31'46.1"W
		"15", green	13°18'03.6"N 87°30'31.1"W
		"18", red	13°19'06.7"N 87°28'55.2"W
		"19", green	13°19'08.1"N 87°29'13.4"W
		"20", red	13°19'41.6"N 87°28'52.7"W
		"22", red	13°20'14.1"N 87°28'33.7"W

(Continued on next page)

21526 (Continued)

	Add	"23", green	16/86 13°21'10.1"N 87°28'12.2"W
		Lights (articulated)	
		"1", green, Fl G 3s	13°12'28.4"N 87°34'59.6"W
		"2", red, Fl R 3s	13°12'22.9"N 87°34'47.6"W
		"5", green, Fl G 5s	13°14'16.6"N 87°34'46.6"W
		"6", red, Fl R 5s	13°14'12.1"N 87°34'31.6"W
		"11", green, Fl G 5s	13°16'57.2"N 87°32'52.6"W
		"12", red, Fl R 5s	13°16'44.5"N 87°32'42.8"W
		"16", red, Fl R 3s	13°18'26.6"N 87°29'17.0"W
		"17", green, Fl G 3s	13°18'35.8"N 87°29'31.5"W
		"21", green, Fl G 3s	13°20'19.7"N 87°28'52.7"W
		(And Plan)	
	Delete	Lights (articulated)	
		"F"	
		"G"	13°21'37"N 87°27'40"W 13°21'46"N 87°26'11"W
	Add	Buoys	
		"24", red	
		"26", red	13°21'27.5"N 87°27'27.6"W
		"27", green	13°21'36.9"N 87°26'54.4"W
		Lights (articulated)	13°21'46.9"N 87°26'55.6"W
		"25", green, Fl G 7s	
		"28", red, Fl R 3s	13°21'38.7"N 87°27'39.1"W 13°21'43.6"N 87°26'10.1"W
		(Plan)	
	Delete	Buoys	
		"G15"	
		"G16"	13°22'55"N 87°25'49"W 13°22'51"N 87°25'44"W
		Light (articulated)	
		"G"	13°21'51"N 87°26'16"W
	Add	Buoys	
		"30", red	
		"31", green	13°22'48.7"N 87°25'41.8"W
		Lights (articulated)	13°22'24.9"N 87°26'02.0"W
		"29", green, Fl G 3s	
		"33", green, Fl G 5s	13°21'53.0"N 87°26'17.6"W 13°22'52.3"N 87°25'50.5"W

21526 2Ed. 10/15/83 LAST NM 16/86 (HNNM7739/86) 20/86

Substitute	Buoys for lights (articulated)	
	"1", green, Fl G 3s	13°12'28.4"N 87°34'59.6"W
	"2", red, Fl R 3s	13°12'22.9"N 87°34'47.6"W
	"5", green, Fl G 5s	13°14'16.6"N 87°34'46.6"W
	"6", red, Fl R 5s	13°14'12.1"N 87°34'31.6"W
	"11", green, Fl G 5s	13°16'57.2"N 87°32'52.6"W
	"12", red, Fl R 5s	13°16'44.5"N 87°32'42.8"W
	"16", red, Fl R 3s	13°18'26.6"N 87°29'17.0"W
	"17", green, Fl G 3s	13°18'35.8"N 87°29'31.5"W
	"21", green, Fl G 3s	13°20'19.7"N 87°28'52.7"W
	(See 16/86-21526)	
	(And Plan)	
Substitute	Buoys for lights (articulated)	
	"25", green, Fl G 7s	13°21'38.7"N 87°27'39.1"W
	"28", red, Fl R 3s	13°21'43.6"N 87°26'10.1"W
	(Plan)	
Substitute	Buoys for lights (articulated)	
	"29", green, Fl G 3s	13°21'53.0"N 87°26'17.6"W
	"33", green, Fl G 5s	13°22'52.3"N 87°25'50.5"W
	(See 16/86-21526)	

★21527 1Ed. 9/5/87 NEW CHART (DMAHTC) 52/87

★21540 36Ed. 6/9/84 NEW EDITION (DMAHTC) 35/84

Substitute	Depth 33 meters for 3.3 meters 11°04.5'N 87°06.5'W

★21542 1Ed. 4/4/87 NEW CHART (DMAHTC; MCNM7926/87) 23/87

	(And Plan)	
Delete	Range line and legend	
	"Lights in line 080°00'" between	12°11'28.5"N 86°45'40.2"W 12°10'44.5"N 86°49'53.6"W

(continued on next page)

★21542	(Continued) Add	Range line extending in 260° direction from rear light dashed for 5660 meters, thence solid for 2110 meters	23/87 12°11'28.5"N 86°45'40.2"W
		Legend "Lights in line 080°"	12°11'03.0"N 86°48'14.0"W
★21543	11Ed. 3/17/84	NEW EDITION	(DMAHTC) 18/84
★21544	19Ed. 8/4/84	NEW EDITION	(DMAHTC) 43/84
21544	19Ed. 8/4/84 LAST NM 43/84 Delete	Dangerous submerged rock	(HNNM7466/85) 25/85 9°50'06"N 84°47'18"W 9°48'58"N 84°49'27"W 9°48'51"N 84°49'53"W
★21546	2Ed. 3/8/86	NEW EDITION	(DMAHTC) 25/86
★21547	1Ed. 12/26/87	NEW CHART	(DMAHTC) 11/88
★21550	1Ed. 7/6/85	NEW CHART	(DMAHTC) 39/85
★21560	32Ed. 11/2/85 Change	NEW EDITION Light to Fl 10s 34m 12M	(DMAHTC; NVS6076/80) 2/86 8°01.1'N 82°52.8'W
21560	32Ed. 11/2/85 LAST NM 2/86 Add	Arrow with legend "21541 (Plan C)" Note: Applicable to index of next large scale charts	(HNNM7687/86) 11/86 8°45'15"N 82°59'10"W
★21561	2Ed. 8/17/85	NEW EDITION	(DMAHTC) 42/85
★21562	13Ed. 10/15/83	NEW EDITION	(DMAHTC) 2/84
★21562	13Ed. 10/15/83 LAST NM 2/84 Change	DMA Stock No. to 21BHA21562 in lower left margin of chart Note: Applicable to certain copies of this chart only	(DMAHTC) 21/84
★21563	2Ed. 8/20/83	NEW EDITION	(DMAHTC) 41/83
★21563	2Ed. 8/20/83 LAST NM 41/83 Change	DMA Stock No. to 21BHA21563 in lower left margin of chart Note: Applicable to certain copies of this chart only	(DMAHTC) 21/84
★21580	40Ed. 7/9/83	NEW EDITION	(DMAHTC) 37/83
21580	40Ed. 7/9/83 LAST NM 37/83 Change	R Bn to R Bn (AERO)	(US RA) 41/83 8°23.3'N 82°25.8'W
★21580	40Ed. 7/9/83 LAST NM 41/83 Add	Depth 357 meters (PA)	(NVS7138/83) 1/84 6°58'54"N 81°41'50"W
21580	40Ed. 7/9/83 LAST NM 1/84 Relocate	Light close NW to and change visibility (range) to 5M	(8(498)84 Taunton) 15/84 7°41.7'N 81°38.3'W
★21580	40Ed. 7/9/83 LAST NM 15/84 Add	Position circle "Tr" (PA)	(NVS7309/84) 35/84 7°12.5'N 80°53.0'W
21580	40Ed. 7/9/83 LAST NM 35/84 Change	Characteristic of light to L Fl 6s (See 15/84-21580)	(BA LL) 36/84 7°41.7'N 81°38.3'W

21580	40Ed. 7/9/83 LAST NM 36/84			
	Substitute	Light Fl 3s (PA) for position circle "Tr" (PA) (Supersedes 35/84-21580)		(NVS7325/84) 41/84 7°12.5'N 80°53.0'W
21580	40Ed. 7/9/83 LAST NM 41/84			
	Add	Visibility (range) 15M to light (See 41/84-21580)		(47(3117)84 Taunton) 1/85 7°12.5'N 80°53.0'W
21580	40Ed. 7/9/83 LAST NM 1/85			
	Change	Light to Fl 10s 34m 12M		(NVS 6076/80) 2/86 8°01.1'N 82°52.8'W
21580	40Ed. 7/9/83 LAST NM 2/86			
	Change	Characteristic of light to L Fl 25s (PA)		(BA LL; MCNM7960/87) 31/87 7°12.5'N 80°53.0'W
	Add	Light Fl 19s 88m 8M (PA)		7°47.9'N 81°45.5'W
★**21581**	3Ed. 6/20/81	NEW EDITION		(DMAHTC) 35/81
21581	3Ed. 6/20/81 LAST NM 35/81			
	Add	(Plan A) Chartlet, depicting changes in topography, from back of Section I		(NVS7027/83) 39/83 8°12.5'N 82°52.3'W
★**21581**	3Ed. 6/20/81 LAST NM 39/83			
	Change	DMA Stock No. to 21BHA21581 in lower right margin of chart Note: Applicable to certain copies of this chart only		(DMAHTC) 21/84
★**21582**	2Ed. 6/30/84	NEW EDITION		(DMAHTC) 37/84
★**21583**	12Ed. 3/5/83	NEW EDITION		
	Change	Light to Fl 15s 335ft 19M (Previously published 12/83)		(DMAHTC; US LL) 20/83 7°12'22"N 81°48'08"W
	Delete	Legend "(Rep exting 1982)"		7°12'12"N 81°48'32"W
21583	12Ed. 3/5/83 LAST NM 20/83			
	Relocate	Light close NW to and change visibility (range) to 5M		(8(498)84 Taunton) 15/84 7°41'41"N 81°38'22"W
★**21583**	12Ed. 3/5/83 LAST NM 15/84			
	Change	DMA Stock No. to 21XCO21583 in lower left margin of chart Note: Applicable to certain copies of this chart only		(DMAHTC) 21/84
21583	12Ed. 3/5/83 LAST NM 21/84			
	Change	Characteristic of light to L Fl 6s (See 15/84-21583)		(BA LL) 36/84 7°41'41"N 81°38'22"W
21583	12Ed. 3/5/83 LAST NM 36/84			
	Add	Light Fl 19s 288ft 8M (PA)		(MCNM7960/87) 31/87 7°48'00"N 81°46'06"W
★**21584**	1Ed. 6/6/81	NEW CHART		(DMAHTC) 32/81
21584	1Ed. 6/6/81 LAST NM 32/81			
	Add	Light Fl 10sec (PA)		(NVS6331/81) 47/81 7°51'58"N 86°25'34"W
21584	1Ed. 6/6/81 LAST NM 47/81			
	Add	Light Fl 10sec (PA) (Cancels 47/81-21584)		(NVS6331/81) 48/81 7°51'58"N 82°26'34"W
21584	1Ed. 6/6/81 LAST NM 48/81			
	Relocate	Light (7°51'58"N 82°26'34"W) to and change to L Fl 9s 65m 16M		(NVS6831/82) 2/83 7°51'53"N 82°26'28"W
	Add	Light L Fl 8s 38m 7M (PA)		8°06'02"N 82°22'20"W
21584	1Ed. 6/6/81 LAST NM 2/83			
	Add	Chartlet, depicting changes in topography, from back of Section I		(NVS7027/83) 39/83 8°12.9'N 82°52.4'W

21584	1Ed. 6/6/81 LAST NM 39/83 Change	Characteristic of light to 2 Fl 10s (vert)	(US LL) 47/83 8°01.1'N 82°52.7'W
★21584	1Ed. 6/6/81 LAST NM 47/83 Change	DMA Stock No. to 21BHA21584 in lower right margin of chart Note: Applicable to certain copies of this chart only	(DMAHTC) 21/84
21584	1Ed. 6/6/81 LAST NM 21/84 Add	Light Fl 5s 51m 5M (PA)	(MCNM7960/87) 31/87 8°09'04"N 82°09'46"W
★21601	3Ed. 10/30/82	NEW EDITION	(DMAHTC) 52/82
21601	3Ed. 10/30/82 LAST NM 52/82 Change	Light to Fl 7½s 84m 19M	(NVS6831/82) 2/83 7°14.7'N 80°25.9'W
21601	3Ed. 10/30/82 LAST NM 2/83 Change	Characteristic of light to L. Fl 20s	(US LL) 16/83 7°28.2'N 80°00.0'W
21601	3Ed. 10/30/82 LAST NM 16/83 Add	R Bn (AERO)	(US RA) 37/83 8°47.10'N 79°33.55'W
21601	3Ed. 10/30/82 LAST NM 37/83 Change	Characteristic of buoy "AL" to Fl Y	(45(4505)84 Hamburg; NVS7417/85) 14/85 8°55.0'N 79°28.0'W
21601	3Ed. 10/30/82 LAST NM 14/85 Change	Characteristic of buoy to Fl(2) Buoy to yellow, Fl Y 2s	(HNNM7564/85) 38/85 8°47.2'N 79°30.8'W 8°53.5'N 79°27.8'W
21601	3Ed. 10/30/82 LAST NM 38/85 Add	Racon to buoy	(HNNM7594/85) 43/85 8°51.8'N 79°29.8'W
21601	3Ed. 10/30/82 LAST NM 43/85 Add	Light Fl 13s 22m 10M (PA) with obscured sector 090°-184°	(43(2874)85 Taunton) 1/86 7°37.7'N 79°59.8'W
21601	3Ed. 10/30/82 LAST NM 1/86 Change	Color of buoys to green	(1(76)86 Hamburg) 14/86 8°49'45"N 79°34'15"W 8°50'30"N 79°39'07"W 8°47'07"N 79°30'45"W 8°49'15"N 79°36'15"W 8°49'44"N 79°36'20"W
	Add	Note "BUOYAGE IALA Buoyage System (Region B) is in effect in the area covered by this chart. See Chart No. 1."	7°40.0'N 80°20.0'W
21601	3Ed. 10/30/82 LAST NM 14/86 Delete	Racon from buoy	(HNNM7594/85) 9/87 8°51.8'N 79°29.8'W
21601	3Ed. 10/30/82 LAST NM 9/87 Change	Light to Fl 13s 25m 8M (PA)	(MCNM7960/87) 31/87 7°37.7'N 79°59.8'W
	Add	Light Fl 18s 36m 8M (PA)	7°56'10"N 80°18'07"W
21601	3Ed. 10/30/82 LAST NM 31/87 Add	Racon at light	(47(3527)88 Taunton) 6/89 8°54.4'N 79°31.2'W
21601	3Ed. 10/30/82 LAST NM 6/89 Relocate	R Bn (AERO) close NW to	(MCNM1032/89) 11/89 8°47.26'N 79°33.73'W
★21603	7Ed. 8/27/88	NEW EDITION	(DMAHTC) 43/88
21603	7Ed. 8/27/88 LAST NM 43/88 Add	Racon at light	(47(3527)88 Taunton) 6/89 8°54'25"N 79°31'15"W
21603	7Ed. 8/27/88 LAST NM 6/89 Relocate	R Bn (AERO) (8°47'05"N 79°33'28"W) to	(MCNM1032/89) 11/89 8°47'15.5"N 79°33'43.3"W
★21604	23Ed. 8/6/88	NEW EDITION	(DMAHTC) 40/88
★21605	6Ed. 6/28/86	NEW EDITION	(DMAHTC) 36/86

21605 6Ed. 6/28/86 LAST NM 36/86
Delete Racon from buoy (HNNM7594/85) 9/87
8°51.8'N 79°29.8'W

21605 6Ed. 6/28/86 LAST NM 9/87
Add Racon at light (47(3527)88 Taunton) 6/89
8°54.4'N 79°31.2'W

21605 6Ed. 6/28/86 LAST NM 6/89
Relocate Light (8°34.0'N 78°31.7'W) to (MCNM1032/89) 11/89
8°35.25'N 78°32.75'W

★21621 10Ed. 9/8/84 NEW EDITION (DMAHTC) 47/84

21621 10Ed. 9/8/84 LAST NM 47/84
(Plan A) (8/86 Bogota) 39/86
Add Light Fl 15s 13M to peak (845)
3°59'07"N 81°35'40"W

★21641 12Ed. 12/11/82 NEW EDITION (DMAHTC) 5/83

★21661 12Ed. 10/30/82 NEW EDITION (DMAHTC) 2/83

21661 12Ed. 10/30/82 LAST NM 2/83
(Plan E) (3(3)83 Mexico, D.F.) 7/84
Add Light Fl(4) 26s 246ft 22M (PA)
28°59.1'N 118°18.8'W

21661 12Ed. 10/30/82 LAST NM 7/84
(Plan F) (8(101)87 Mexico D.F.) 9/88
Change Period of light to 6s
18°20'51"N 114°44'12"W

★22000	15Ed. 7/22/78	NEW EDITION	(DMAHC) 35/78
22000	15Ed. 7/22/78 LAST NM 35/78 Add	Depth 147 fathoms	(RS1168/77) 21/79 0°13'S 88°43'W
22000	15Ed. 7/22/78 LAST NM 21/79 Change	Light to Fl R 8M	(25(1525)79 Taunton; BA LL) 33/79 0°44.5'S 90°18.4'W
	Add	Light Fl 7M (PA)	0°45.6'S 90°18.3'W
22000	15Ed. 7/22/78 LAST NM 33/79 Add	Light Fl 7M (PA)	(27(1635)79 Taunton) 35/79 0°53.3'S 89°36.8'W
22000	15Ed. 7/22/78 LAST NM 35/79 Change	Visibility (range) of light to 10M	(11(46)79 Guayaquil) 9/80 0°26.0'S 90°17.1'W
22000	15Ed. 7/22/78 LAST NM 9/80 Add	Depth 20 fathoms	(NVS6451/81) 33/81 0°05.0'S 90°16.0'W
22000	15Ed. 7/22/78 LAST NM 33/81 Change	Legend to "Isla Culnepper (550) (rep to lie 2 miles further N)"	(37(2401)83 Taunton) 43/83 1°39'N 91°57'W
22000	15Ed. 7/22/78 LAST NM 43/83 Add	Light Fl 10M	(2(2)84 Guayaquil) 20/84 1°23'N 91°49'W
22000	15Ed. 7/22/78 LAST NM 20/84 Change	Characteristic of light to Fl	(HNNM7582/85) 41/85 0°57.8'S 90°57.8'W
	Add	Light Fl(2+1) 7M	0°57.3'S 90°58.6'W
22000	15Ed. 7/22/78 LAST NM 41/85 Add	Legend "R Sta" at light	(46(3080)85 Taunton) 7/86 0°54.0'S 89°36.8'W
22000	15Ed. 7/22/78 LAST NM 7/86 Add	Rock awash enclosed by dotted line "Rep (1974)" (PA)	(Ecu CH IOA20) 33/88 0°39.0'S 89°17.0'W
22000	15Ed. 7/22/78 LAST NM 33/88 Add	Light Fl 18M	(Ecu CH 20001) 36/88 0°54.0'S 89°36.8'W
★22004	37Ed. 12/28/85 Add	NEW EDITION Period 4s to light	(DMAHTC; US LL) 12/86 3°38.3'S 80°35.2'W
22004	37Ed. 12/28/85 LAST NM 12/86 Add	Dangerous wreck marked by light, Iso R 4s (PA)	(10(16), 11(17)85 Guayaquil) 14/86 2°11'00"S 80°53'17"W
22004	37Ed. 12/28/85 LAST NM 14/86 Change	Light to Fl 10s 428ft 20M	(12(19)86 Guayaquil) 12/87 1°03.5'S 80°54.5'W
22004	37Ed. 12/28/85 LAST NM 12/87 Change	Height of light to 223ft	(1(4)87 Callao) 25/87 6°28'S 80°52'W
22004	37Ed. 12/28/85 LAST NM 25/87 Change	Visibility (range) of lights to 20M 25M	(1(2), 2/87 Guayaquil) 27/87 0°22'S 80°30'W 2°11'S 81°00'W
22004	37Ed. 12/28/85 LAST NM 27/87 Delete	Platform (PA)	(12(955)87 Taunton) 29/87 4°02.5'S 81°22.0'W
22004	37Ed. 12/28/85 LAST NM 29/87 Delete	Dangerous wreck Stranded wreck	(42(3202)87 Taunton) 7/88 4°46.0'S 81°21.3'W 4°55.5'S 81°09.4'W
22004	37Ed. 12/28/85 LAST NM 7/88 Delete	Depths 4¾ fathoms and enclosing danger circle 5 fathoms "Rep (1968)" and enclosing danger circle	(MCNM7985/87) 24/88 1°16.8'S 80°58.5'W 1°18.5'S 80°54.9'W
	Add	Depth 6 fathoms enclosed by danger circle	1°18.4'S 80°56.1'W
22004	37Ed. 12/28/85 LAST NM 24/88 Change	Light to Fl 10s 174ft 17M	(14(1113)88 Taunton) 27/88 4°40.2'S 81°19.7'W

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22004	37Ed. 12/28/85 LAST NM 27/88		
	Change	Visibility (range) of light to 13M	(Peru CH 1170; BA LL) 33/88
		Light to Fl(3) 15s 186ft 12M	5°12.5'S 81°12.5'W
			5°54.4'S 81°09.9'W
★22004	37Ed. 12/28/85 LAST NM 33/88		
	Delete	Depths 23 fathoms "(ED)"	(MCNM8141/88) 36/88
		135 fathoms	4°57.0'S 82°14.0'W
			5°10.0'S 82°05.0'W
22004	37Ed. 12/28/85 LAST NM 36/88		
	Change	Light to Fl 10s 66ft 17M	(5(2)88 Guayaquil) 37/88
			0°55.6'S 80°43.0'W
22004	37Ed. 12/28/85 LAST NM 37/88		
	Delete	R Bn at light	(5(31)88 Callao) 44/88
			6°56.2'S 80°43.2'W
22004	37Ed. 12/28/85 LAST NM 44/88		
	Substitute	Depth 48 fathoms "Rep (1971)" for	(Peru CH 1000) 19/89
		89 fathoms "Rep (1971)"	
			5°44'S 81°18'W
★22008	34Ed. 11/20/82	NEW EDITION	
	Add	Depth 23 fathoms	(DMAHTC; Peru CH 1300) 4/83
			11°15.5'S 77°41.0'W
		Lights Fl 12M	
		Fl R 5M	11°47.0'S 77°12.0'W
			12°08.5'S 77°08.8'W
22008	34Ed. 11/20/82 LAST NM 4/83		
	Delete	Light	(Peru CH 1300) 9/83
			11°45.2'S 77°10.7'W
	Relocate	Light close SW to	
		(See 4/83-22008)	11°47.5'S 77°12.3'W
22008	34Ed. 11/20/82 LAST NM 9/83		
	Change	Visibility (range) of light to 8M	(Peru CH 1393) 32/83
		(See 9/83-22008)	11°47.5'S 77°12.3'W
22008	34Ed. 11/20/82 LAST NM 32/83		
	Change	Light to Fl(3) 30M	(BA LL; Peru LL) 50/83
			8°14.8'N 78°57.3'W
22008	34Ed. 11/20/82 LAST NM 50/83		
	Change	Light to Fl(3) 30M	(BA LL; Peru LL) 52/83
		(Cancels 50/83-22008)	8°14.8'S 78°57.3'W
22008	34Ed. 11/20/82 LAST NM 52/83		
	Relocate	R Bn (AERO) at light close S to	(25(1639)84 Taunton) 34/84
			13°46.2'S 76°13.9'W
22008	34Ed. 11/20/82 LAST NM 34/84		
	Delete	Depth 34 fathoms	(2(155)85 Taunton) 8/85
			6°44.5'S 81°19.0'W
22008	34Ed. 11/20/82 LAST NM 8/85		
	Delete	Light	(Peru CH 2171, 1170; BA RA; BA LL) 33/88
		Note: R Bn (AERO) remains	13°45.1'S 76°14.2'W
	Change	Visibility (range) of light to 13M	
			5°12.5'S 81°12.8'W
22008	34Ed. 11/20/82 LAST NM 33/88		
	Delete	R Bn at light	(5(31)88 Callao) 44/88
			6°55.8'S 80°43.5'W
22008	34Ed. 11/20/82 LAST NM 44/88		
	Add	Depth 81 fathoms	(34(35)88 Brest) 7/89
			8°42'S 80°07'W
22008	34Ed. 11/20/82 LAST NM 7/89		
	Substitute	Depth 48 fathoms "Rep (1971)" for	(Peru CH 1000; Peru LL) 19/89
		89 fathoms "Rep (1971)"	
	Change	Visibility (range) of light to 28M	5°44'S 81°18'W
			12°04.2'S 77°16.2'W
★22012	30Ed. 3/16/85	NEW EDITION	
	Add	"Restricted Area" bound by	(DMAHTC; 25(1639)84 Taunton) 22/85
		purple composite line joining	
			17°15.0'S 72°18.8'W
			17°39.1'S 72°18.8'W
			17°39.1'S 72°43.8'W
		(Previously published 20/85)	17°15.0'S 72°43.8'W
	Delete	Position circle	
			13°46.0'S 76°14.9'W
	Relocate	R Bn (AERO) at light close S to	
			13°46.3'S 76°14.5'W

22012	30Ed. 3/16/85 LAST NM 22/85		(11, 12/84 Callao) 26/85
	Add	"Submarine Exercise Area" bound by purple dashed line joining	15°16.1'S 75°32.2'W 15°16.1'S 75°58.2'W 15°40.2'S 75°32.2'W 15°40.2'S 75°58.2'W
22012	30Ed. 3/16/85 LAST NM 26/85		(Peru CH 2171; BA LL; BA RA) 33/88
	Delete	Light Note: R Bn (AERO) remains	13°45.1'S 76°14.5'W
22012	30Ed. 3/16/85 LAST NM 33/88		(BA LL; Peru CH 2000) 35/88
	Add	Light Fl 18M	18°09.2'S 70°40.1'W
22012	30Ed. 3/16/85 LAST NM 35/88		(9(61)88 Valparaiso) 37/88
	Change	Light to Fl 13M	18°28.6'S 70°20.7'W
★22032	19Ed. 8/27/83	NEW EDITION	(DMAHTC) 45/83
22032	19Ed. 8/27/83 LAST NM 45/83		(27(1775)84 Taunton) 36/84
	Add	Depth 91 meters	53°10.2'S 75°14.4'W
22032	19Ed. 8/27/83 LAST NM 36/84		(17(163)84 Valparaiso) 16/85
	Substitute	Depth 9 meters for 27 meters (PA)	52°24.5'S 74°59.0'W
22032	19Ed. 8/27/83 LAST NM 16/85		(34(2280)85 Taunton) 41/85
	Delete	R Bn (AERO) at light	53°06.5'S 70°54.5'W
	Add	R Bn (AERO) (PA)	53°05.4'S 70°53.0'W
22032	19Ed. 8/27/83 LAST NM 41/85		(38(2539)85 Taunton) 47/85
	Add	Depths 46 meters	54°37.6'S 72°55.0'W
		46 meters	55°28.8'S 70°20.2'W
		27 meters	55°37.2'S 69°43.0'W
22032	19Ed. 8/27/83 LAST NM 47/85		(21(236)85 Valparaiso) 7/86
	Delete	Legend "Dangerous Reef"	55°40.5'S 69°09.0'W
		Dangerous submerged rock	55°40.5'S 69°04.5'W
	Add	Legend "Breakers"	55°39.2'S 69°03.0'W
		Dangerous submerged rock	55°39.2'S 69°05.0'W
22032	19Ed. 8/27/83 LAST NM 7/86		(5(377)86 Taunton) 17/86
	Add	Depths 29 meters	54°36.1'S 72°15.8'W
		45 meters	54°33.9'S 72°13.9'W
22032	19Ed. 8/27/83 LAST NM 17/86		(6(93)83 Valparaiso; BA LL; Chile LL) 37/86
	Delete	Light	52°28.2'S 69°23.8'W
	Change	Light to Fl(3) 15M	52°21.2'S 69°30.5'W
22032	19Ed. 8/27/83 LAST NM 37/86		(16(1255)87 Taunton; MCNM7957/87) 31/87
	Add	Depth 86 meters	53°12.4'S 74°55.5'W
		Note "CAUTION Islas Ildefonso reported to lie 6.5 miles SE of its charted position."	55°49.0'S 69°25.0'W
22032	19Ed. 8/27/83 LAST NM 31/87		(MCNM8121/88) 32/88
	Add	Depths 83 meters "Rep (1988)"	56°01.8'S 69°03.0'W
		78 meters "Rep (1988)"	56°00.0'S 69°12.0'W
		78 meters "Rep (1988)"	55°52.0'S 69°49.0'W
		83 meters "Rep (1988)"	55°50.0'S 69°54.0'W
		120 meters "Rep (1988)"	55°34.5'S 70°44.0'W
★22036	27Ed. 6/25/83	NEW EDITION	(DMAHTC; 9(130), 10(136)83 Valparaiso) 43/83
	Change	Light to Fl(3) 18s 40m 5M	55°58.2'S 67°16.4'W
	Add	Position circle "R Tr (Iso R Lt)"	52°15.2'S 68°55.8'W
22036	27Ed. 6/25/83 LAST NM 43/83		(Arg CH H-419A) 19/84
	Add	Islet	55°00.5'S 66°20.3'W
		Dangerous submerged rock	55°02.2'S 66°19.0'W
		Depth 3.6 meters	55°02.5'S 66°18.5'W

22036	27Ed. 6/25/83 LAST NM 19/84		
	Add	Depths 39 meters (PA)	(30(1974)84 Taunton) 38/84
		70 meters (PA)	54°34.7'S 65°00.0'W
		73 meters (PA)	54°40.2'S 64°56.0'W
		70 meters (PA)	54°43.2'S 64°58.0'W
		70 meters (PA)	54°46.2'S 65°03.0'W
		44 meters (PA)	54°48.7'S 65°04.0'W
			54°56.6'S 65°06.5'W
22036	27Ed. 6/25/83 LAST NM 38/84		
	Change	Visibility (range) of light to 12M	(Arg CH H424; Arg LL) 40/84
			52°40.0'S 68°36.1'W
22036	27Ed. 6/25/83 LAST NM 40/84		
	Change	Visibility (range) of light to 28M and add R Bn	(Arg CH 424; Chile LL) 42/84
			52°19.5'S 68°22.4'W
		Visibility (range) of light to 15M	52°39.2'S 68°37.5'W
22036	27Ed. 6/25/83 LAST NM 42/84		
	Change	Visibility (range) of light to 10M	(BA LL) 6/85
			52°18.0'S 68°57.0'W
22036	27Ed. 6/25/83 LAST NM 6/85		
	Change	Light to Fl(2) 15s 67m 18M	(19(183)84 Valparaiso) 16/85
			52°39.5'S 68°37.1'W
22036	27Ed. 6/25/83 LAST NM 16/85		
	Change	Light to Fl(2) 16s 57m 10M	(4(20)85 Buenos Aires) 22/85
			54°49.0'S 65°14.2'W
22036	27Ed. 6/25/83 LAST NM 22/85		
	Change	Light to Fl(3) 32s 52m 10M	(4(20)85 Buenos Aires) 27/85
			54°47.0'S 64°42.3'W
22036	27Ed. 6/25/83 LAST NM 27/85		
	Change	Light to Fl(3) 32s 40m 12M	(9(69, 70)85 Buenos Aires) 31/85
			54°39.5'S 65°08.0'W
		Visibility (range) of lights to 8M 6M	54°57.2'S 65°58.5'W 54°56.5'S 66°55.3'W
22036	27Ed. 6/25/83 LAST NM 31/85		
	Change	Light to Fl 11s 40m 17M	(10(110)85 Valparaiso) 33/85
			55°58.3'S 67°16.0'W
22036	27Ed. 6/25/83 LAST NM 33/85		
	Delete	Light	(25(1684)85 Taunton) 35/85
			55°49.4'S 66°48.7'W
22036	27Ed. 6/25/83 LAST NM 35/85		
	Change	Light to Fl(3) 32s 65m 12M	(10(86)85 Buenos Aires) 37/85
			54°39.5'S 64°09.0'W
22036	27Ed. 6/25/83 LAST NM 37/85		
	Delete	Depth 33 meters	(Chile CH 1316) 39/85
			53°33.8'S 67°23.0'W
	Add	Danger circles	44°34.4'S 67°29.7'W
			55°33.5'S 67°22.9'W
22036	27Ed. 6/25/83 LAST NM 39/85		
	Delete	Depth 33 meters (See 39/85-22036)	(Chile CH 1316) 42/85 55°33.8'S 67°23.0'W
	Add	Danger circle (See 39/85-22036)	55°34.4'S 67°29.7'W
22036	27Ed. 6/25/83 LAST NM 42/85		
	Add	Depths 60 meters	(38(2539)85 Taunton) 47/85
		64 meters	55°53.0'S 68°37.7'W
			56°01.0'S 68°17.5'W
22036	27Ed. 6/25/83 LAST NM 47/85		
	Delete	Legend "Dangerous Reef"	(14(164), 20(228), 21(236)85 Valparaiso) 7/86
		Dangerous submerged rock	55°42.0'S 68°59.0'W
			55°41.0'S 69°04.5'W
	Add	Lights, Fl(3) 14s 46m 6M	54°57.2'S 67°09.2'W
		Fl 5s 108m 17M with visibility sectors from 176° to 088° and from 094° to 150°	
		Legend "Breakers"	56°31.2'S 68°42.5'W
		Dangerous submerged rock	55°39.7'S 69°03.0'W
			55°39.2'S 69°05.0'W
22036	27Ed. 6/25/83 LAST NM 7/86		
	Add	Light Fl 11s 270m 8M with obscured sector 060°-210°	(24(267)85 Valparaiso) 10/86
			55°16.4'S 66°31.5'W
22036	27Ed. 6/25/83 LAST NM 10/86		
	Add	Depths 8.7 meters	(8(100)86 Valparaiso) 31/86
		23 meters	53°05.0'S 68°03.1'W
			53°07.0'S 68°02.7'W

22036 27Ed. 6/25/83 LAST NM 31/86
Add — Danger circle "Shoal" (PD)
Dangerous wreck (PA)

22036 27Ed. 6/25/83 LAST NM 34/86
Delete — Light

Change — Light to Fl(3) 15M

22036 27Ed. 6/25/83 LAST NM 37/86
Delete — Depths 39 meters (PA)
70 meters (PA)
73 meters (PA)
70 meters (PA)
70 meters (PA)
44 meters (PA)

22036 27Ed. 6/25/83 LAST NM 39/86
Add — Depth 12.5 meters "Rep (1986)"

22036 27Ed. 6/25/83 LAST NM 45/86
Add — Depths 213 meters "Rep (1987)" (PA)
180 meters "Rep (1987)" (PA)

22036 27Ed. 6/25/83 LAST NM 29/87
Add — Note
"CAUTION
Islas Ildefonso reported to lie
6.5 miles SE of its charted position."

22036 27Ed. 6/25/83 LAST NM 31/87
Add — Depth 83 meters "Rep (1988)"
78 meters "Rep (1988)"

22036 27Ed. 6/25/83 LAST NM 32/88
Add — Depth 88 meters "Rep (1988)"

22036 27Ed. 6/25/83 LAST NM 43/88
Add — RT symbol

22036 27Ed. 6/25/83 LAST NM 51/88
Add — Anchorage symbol (large vessels)

★22040 1Ed. 8/21/82 — NEW CHART

22040 1Ed. 8/21/82 LAST NM 46/82
Delete — Purple outline of charts 22041
22042

Change — Characteristic of lights to Fl
to Fl Y

22040 1Ed. 8/21/82 LAST NM 47/83
Add — Light Fl 10s 189m 20M

22040 1Ed. 8/21/82 LAST NM 43/85
Add — Light Fl WR 15s 68m 20M with
sectors white 013°-001°, red-013°

★22050 3Ed. 7/17/82 — NEW EDITION

22050 3Ed. 7/17/82 LAST NM 38/82
(Panel B)
Change — Fog signal of buoy to BELL

22050 3Ed. 7/17/82 LAST NM 4/83
(Panel A)
Change — Legend to "2 Buoys (Y Lts)"

22050 3Ed. 7/17/82 LAST NM 14/83
(Panel A)
Add — R Bn

22050 3Ed. 7/17/82 LAST NM 46/83
(Panel B)
Delete — Stranded wreck ,

22050 3Ed. 7/17/82 LAST NM 23/84
Add — Light L Fl 8s 67m 20M

(10(118)86 Valparaiso) 34/86
53°42.5'S 67°43.0'W
53°56.0'S 67°24.4'W

(6(93)83 Valparaiso; BA LL; Chile LL) 37/86
52°28.4'S 69°23.4'W

52°21.0'S 69°30.0'W

(23(1669)86 Taunton) 39/86
54°34.7'S 65°00.0'W
54°40.2'S 64°56.0'W
54°43.2'S 64°58.0'W
54°46.2'S 65°03.0'W
54°48.7'S 65°04.0'W
54°56.6'S 65°06.5'W

(14(1455)86 Hamburg) 45/86
52°45.6'S 68°22.0'W

(MCNM7952/87) 29/87
53°13.0'S 36°45.5'W
53°02.7'S 63°36.6'W

(MCNM7957/87) 31/87

55°49'S 69°18'W

(MCNM8121/88) 32/88
56°01.8'S 69°03.0'W
56°00.0'S 69°12.0'W

(MCNM8154/88) 43/88
56°03'S 68°56'W

(16(151)88 Buenos Aires) 51/88
54°47.5'S 65°16.0'W

(24(201)88 Valparaiso) 15/89
55°16.7'S 66°48.8'W

(DMAHTC) 46/82

(26/83 Bogota; DMAHTC) 47/83
7°08'N 78°00'W
6°16'N 77°40'W

6°17.8'N 77°28.0'W
6°14.0'N 77°23.7'W

(17/85 Bogota) 43/85
5°29'12"N 77°32'45"W

(23/86 Bogota) 47/86

6°49'48"N 77°41'14"W

(DMAHTC) 38/82

(23/82 Bogota) 4/83

3°53.6'N 77°26.1'W

(7(420)83 Taunton) 14/83

1°02.1'N 79°41.2'W

(US CH 22084; US RA) 46/83

0°58.8'N 79°40.0'W

(NVS7264/84) 23/84

3°53.6'N 77°24.1'W
(15/84 Bogota) 14/85
3°00.2'N 78°10.1'W

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22050 3Ed. 7/17/82 LAST NM 14/85 (Ecu CH 100) 31/85
(Panel A)
Change Light to Fl 5s 53m 8M 1°04.1'N 79°23.9'W

Add Buoy "1", red and black can, "X" topmark, Iso 1°28.7'N 78°57.8'W

22050 3Ed. 7/17/82 LAST NM 31/85 (26/86 Bogota) 52/86
(Panel B)
Change Period of light to 15s 3°48.7'N 77°10.6'W

22050 3Ed. 7/17/82 LAST NM 52/86 (1/89 Bogota) 14/89
(Panel B)
Add Buoys, red and white stripes, Fl 10s Racon Ra Ref 3°54.7'N 77°26.6'W

22050 3Ed. 7/17/82 LAST NM 14/89 (4(296)89 Taunton) 18/89
(Panel A)
Delete Depth 9 meters, blue tint, and enclosing danger circle 1°07.6'N 79°32.1'W

Change Legend to "2 Buoys (Bu Lts)" 1°02.1'N 79°41.2'W
Buoy "1" to RW, pillar, Iso 1°28.7'N 78°57.8'W
Visibility (range) of light to 17M 1°35.8'N 79°01.9'W

★22051 17Ed. 10/22/83 NEW EDITION (DMAHTC) 53/83
Add Note
"CHANGES IN BUOYAGE
Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region B. For further explanation, see annual NM 1(6) and Chart No. 1." 3°56.0'N 77°15.0'W

★22051 17Ed. 10/22/83 LAST NM 53/83 (NVS7264/84) 23/84
Delete Stranded wreck 3°53'34"N 77°24'07"W

Add Legend "Shoal reported extending southward (1984)" between 3°51'52"N 77°26'05"W
3°51'15"N 77°26'06"W

22051 17Ed. 10/22/83 LAST NM 23/84 (26/86 Bogota) 52/86
Change Period of light to 15s 3°48'44"N 77°10'38"W

22051 17Ed. 10/22/83 LAST NM 52/86 (MCNM7919, 7944/87) 43/87
Add Legends "Less water rep (1987)" 3°48'48"N 77°12'30"W
3°47'23"N 77°17'30"W

22051 17Ed. 10/22/83 LAST NM 43/87 (37(2828)87 Taunton) 6/88
Add Depth 0 fathom 3 feet enclosed by danger circle 3°54'39"N 77°19'48"W

22051 17Ed. 10/22/83 LAST NM 6/88 (16/87 Bogota) 8/88
Add Depth 0 fathom 3 feet enclosed by danger circle 3°55'02"N 77°20'10"W

22051 17Ed. 10/22/83 LAST NM 8/88 (1/89 Bogota) 14/89
Add Buoy, red and white stripes, Fl 10s Racon Ra Ref 3°54'42"N 77°26'39"W

22051 17Ed. 10/22/83 LAST NM 14/89 (4/89 Bogota) 16/89
Relocate Light close E to 3°54'19"N 77°21'21"W

Add Lights
"B" Fl WRG 4s 51ft 7M
Racon (PA) 3°55'06"N 77°21'20"W
"C" Oc WRG 6s 51ft 5M (PA 3°55'40"N 77°20'41"W

Buoys "1", green, Fl(3) G 9s Ra Ref 3°55'01"N 77°25'22"W
"2", red, Fl R 5s Ra Ref 3°54'54"N 77°23'50"W
"3", green, Fl G 3s Ra Ref 3°55'01"N 77°23'49"W
"4", red, Fl R 5s Ra Ref 3°55'03"N 77°22'36"W
"5", green, Fl(2) G 6s Ra Ref 3°55'11"N 77°22'40"W
"6", red, Fl R 5s Ra Ref 3°55'18"N 77°21'55"W
"7", green, Fl(3) G 9s Ra Ref 3°55'29"N 77°21'57"W

(continued on next page)

22051	(Continued)		16/89
	Add	"8", red, Fl R 5s Ra Ref	3°55'21"N 77°21'13"W
		"9", green, Fl G 3s Ra Ref	3°55'32"N 77°21'18"W
		"10", red, Fl R 5s Ra Ref	3°55'33"N 77°21'02"W
		"11", green, Fl(2) G 6s Ra Ref	3°55'38"N 77°21'07"W
		"12", red, Fl R 5s Ra Ref	3°55'51"N 77°20'37"W
		"13", green, Fl(3) G 9s Ra Ref	3°55'55"N 77°20'42"W
		"14", red, Fl R 5s Ra Ref	3°56'08"N 77°20'14"W
		"15", green, Fl G 3s Ra Ref	3°56'15"N 77°20'18"W
		"16", red and white stripes, Mo(A) 10s Ra Ref	3°56'33"N 77°19'53"W
		"17", green, Fl(2) G 6s Ra Ref	3°57'13"N 77°19'57"W
		"18", red, Fl R 5s Ra Ref	3°57'21"N 77°19'27"W
		"19", green, Fl(3) G 9s Ra Ref	3°58'10"N 77°19'33"W
★22052	5Ed. 3/16/85	NEW EDITION	(DMAHTC) 20/85
22052	5Ed. 3/16/85 LAST NM 20/85		(22/85 Bogota) 9/86
	Add	Note "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region B. For further explanation, see annual NM 1(6) and Chart No. 1."	3°353.0'N 77°13.5'W
22052	5Ed. 3/16/85 LAST NM 9/86		(26/86 Bogota) 52/86
	Change	Characteristic of light to Fl WR 15s	3°48'44"N 77°10'38"W
22052	5Ed. 3/16/85 LAST NM 52/86		(MCNM7919/87) 13/87
	Add	Legend "Less water reported (1987)"	3°48'48"N 77°12'30"W
22052	5Ed. 3/16/85 LAST NM 13/87		(MCNM7944/87) 43/87
	Add	Legend "Less water rep (1987)"	3°47'23"N 77°17'30"W
★22080	2Ed. 9/19/87	NEW EDITION	(DMAHTC) 50/87
22080	2Ed. 9/19/87 LAST NM 50/87		(5(2)88 Guayaquil) 37/88
	Change	Light to Fl 10s 20m 17M	0°55.6'S 80°43.0'W
★22082	3Ed. 12/22/84	NEW EDITION	(DMAHTC) 9/85
22082	3Ed. 12/22/84 LAST NM 9/85		(5/85 Bogota) 23/85
	Relocate	Buoys "2" close E to	1°50'38"N 78°43'19"W
		"3" (1°51'29"N 78°44'34"W)	1°51'48"N 78°44'38"W
		"5" (1°51'38"N 78°43'41"W)	1°51'38"N 78°43'31"W
		"9" close SW	1°49'10"N 78°43'59"W
22082	3Ed. 12/22/84 LAST NM 23/85		(12/87 Bogota) 46/87
	Add	Buoys "2" R, Fl R 5s	1°51'16"N 78°45'07"W
		"3" G, Fl G 5s	1°51'35"N 78°44'54"W
		Beacons, each G, Fl G 5s	
		"9" G, Fl G 5s	1°49'17"N 78°43'36"W
		"11" G, Fl G 5s	1°49'11"N 78°43'56"W
★22083	4Ed. 2/22/86	NEW EDITION	(DMAHTC) 20/86
22083	4Ed. 2/22/86 LAST NM 20/86		(12/87 Bogota) 46/87
	Add	Buoys "2" R, Fl R 5s	1°51'16"N 78°45'07"W
		"3" G, Fl G 5s	1°51'35"N 78°44'54"W
★22084	3Ed. 9/28/85	NEW EDITION	(DMAHTC) 48/85
22084	3Ed. 9/28/85 LAST NM 48/85		(Ecu CH 1002) 16/87
		(Plan)	
	Change	Lights "F3" to Oc G 15s 14m 10M	0°59'21"N 79°38'39"W
		"F4" to Oc G 10s 14m 10M	0°59'15"N 79°38'45"W
		"F2" to Iso G 2s 9m 10M	0°59'28"N 79°38'46"W
		"E2" to Oc 4s 31m 14M	0°57'26"N 79°37'57"W
		"E1" to Oc 4s 14m 11M	0°57'34"N 79°38'00"W

(Continued on next page)

22084 (Continued)
Change — "E3" to Oc 6s 82m 23M — 16/87
"E4" to Oc 6s 130m 26M — 0°59′16″N 79°39′34″W
(undesignated) to — 0°59′06″N 79°40′04″W
L Fl(3) 24s 103m 26M — 0°59′18″N 79°39′42″W

★22087 1Ed. 8/6/83 — NEW CHART — (DMAHTC; US LL) 47/83
Change — Light to L Fl 10s 41m 7M — 0°36′28″S 80°27′01″W

★22090 1Ed. 2/12/83 — NEW CHART — (DMAHTC) 17/83

22090 1Ed. 2/12/83 LAST NM 17/83
Change — Light to Fl(3) 11m 12M — (NVS7192/84) 27/84 3°24.5′S 80°18.5′W

22090 1Ed. 2/12/83 LAST NM 27/84
Change — Period of light to 10s — (Ecu CH 109) 42/84
Visibility (range) of light to 19M — 3°10′30″S 80°26′14″W
2°24′21″S 80°41′30″W

22090 1Ed. 2/12/83 LAST NM 42/84
Add — Light Fl 5s 14m 6M (PA) — (2(2)84 Guayaquil) 22/85 2°33.6′S 80°30.6′W

22090 1Ed. 2/12/83 LAST NM 22/85
Delete — Light — (11, 12/84 Callao) 26/85 3°24.5′S 80°18.5′W

22090 1Ed. 2/12/83 LAST NM 26/85
Add — Dangerous wreck marked by light, Iso R 4s 2M (PA) — (10(16), 11(17)85 Guayaquil) 14/86 2°11′00″S 80°53′17″W

22090 1Ed. 2/12/83 LAST NM 14/86
Delete — Light — (1(1), 3(5)86 Guayaquil) 42/86
(See 14/86-22090) — 2°11.0′S 80°53.3′W

Add — Light Fl 3s 10m 8M — 3°22.9′S 80°18.3′W

22090 1Ed. 2/12/83 LAST NM 42/86
Change — Characteristic of buoy to Iso 4s — (1(1), 2/87 Guayaquil) 27/87
Visibility (range) of light to 25M — 2°44.4′S 80°24.7′W
2°11.1′S 80°59.8′W

Add — Note
"BUOYAGE
IALA Buoyage System (Region B) is in effect in the area covered by this chart. See Chart No. 1." — 3°57.5′S 80°20.0′W

22090 1Ed. 2/12/83 LAST NM 27/87
Add — Platform (under constr) (PA) — (MCNM8015/87) 48/87 2°33.9′S 80°45.5′W

22090 1Ed. 2/12/83 LAST NM 48/87
Add — Light Fl(2) 15s 11m 12M — (10(63)87 Callao; BA LL) 11/88 3°24.5′S 80°18.5′W

22090 1Ed. 2/12/83 LAST NM 11/88
Delete — Platform (under constr) (PA) — (10(9)87 Guayaquil) 25/88 2°33.9′S 80°45.5′W
(Supersedes 48/87-22090)

Add — Platforms — 2°29.3′S 80°48.2′W
2°33.6′S 80°45.6′W

★22100 2Ed. 10/31/87 — NEW EDITION — (DMAHTC) 1/88

22100 2Ed. 10/31/87 LAST NM 1/88
Change — Light to Fl 10s 20m 17M — (5(2)88 Guayaquil) 37/88 0°55.6′S 80°43.1′W

★22101 16Ed. 10/8/83 — NEW EDITION — (DMAHTC) 51/83

22101 16Ed. 10/8/83 LAST NM 51/83
(And Plan) — (9(15), 10(16)83 Guayaquil) 5/84
Delete — Buoy (mooring) — 0°55′56″S 80°43′07″W

22101	16Ed. 10/8/83 LAST NM 5/84		(11(15)84 Guayaquil) 16/85
	Add	Note "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region B. For further explanation, see annual NM 1(6) and Chart No. 1."	
			0°56'54"S 80°35'30"W
	Change	(And Plan) Buoy to N. cardinal buoy: "Don Victor", BY, double cone topmark points upward, Q	
			0°56'08.5"S 80°42'49.7"W
22101	16Ed. 10/8/83 LAST NM 16/85		
	Add	Depth 8.9 meters	(Ecu CH 10431) 23/85 0°54'08.0"S 80°38'36.0"W
22101	16Ed. 10/8/83 LAST NM 23/85		(6(8), 7(12), 8(14)85 Guayaquil) 10/86
	Add	(And Plan) Buoy (mooring) "1" Fl 2s Stranded wreck	0°55'52"S 80°43'04"W 0°56'06"S 80°42'48"W
22101	16Ed. 10/8/83 LAST NM 10/86		(Ecu CH 104) 21/87
	Change	(And Plan) Light to Fl R 3s 20m 7M	0°55'35"S 80°43'02"W
22101	16Ed. 10/8/83 LAST NM 21/87		(MCNM7926/87) 48/87
	Change	(And Plan) Period of light to 5s (See 21/87-22101)	0°55'35"S 80°43'02"W
22101	16Ed. 10/8/83 LAST NM 48/87		(5(2)88 Guayaquil) 37/88
	Change	(And Plan) Light to Fl 10s 20m 17M	0°55'35"S 80°43'02"W
★22102	18Ed. 9/22/84	NEW EDITION	
	Add	Dangerous wreck	(DMAHTC) 45/84 2°12'41"S 80°54'27"W
		Isolated danger buoy: "El Pescador", BRB, cylindrical, double ball topmark	2°12'40"S 80°54'28"W
		Note in upper left margin of chart "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region B. For further explanation, see annual NM 1(6) and Chart No. 1." (Previously published 43/84)	
22102	18Ed. 9/22/84 LAST NM 45/84		(6(3), 10(14), 12(16-19)84 Guayaquil) 14/85
	Relocate	Light close S to	2°11'01"S 80°59'43"W
	Change	Color of buoys to black and red bands	2°09'54"S 81°00'03"W 2°11'49"S 80°57'53"W 2°11'09"S 80°55'49"W 2°12'31"S 80°54'39"W 2°10'17"S 80°53'25"W
22102	18Ed. 9/22/84 LAST NM 14/85		(2(34)85 Guayaquil) 22/85
	Relocate	Light close SE to and change height to 40m	2°12'13.5"S 80°57'54.0"W
22102	18Ed. 9/22/84 LAST NM 22/85		(5(6)85 Guayaquil) 36/85
	Add	Buoy (mooring) Fl 4s	2°11'11.3"S 80°57'59.4"W
22102	18Ed. 9/22/84 LAST NM 36/85		(10(16), 11(17)85 Guayaquil; BA LL) 14/86
	Delete	Light (See 22/85-22102)	2°12'13.5"S 80°57'54.0"W
	Add	Dangerous wreck marked by light, Iso R 4s 2M (PA)	2°11'00"S 80°53'17"W

SUBREGION 22

22102	18Ed. 9/22/84 LAST NM 14/86		(1(1), 4(7-13), 5(15)86 Guayaquil; Ecu LL) 42/
	Delete	Light	2°11.0'S 80°53.3'
		(See 14/86-22102)	
		Buoy (mooring)	2°11'11"S 80°57'59"
	Relocate	Buoy "2" (2°11'07"S 80°57'48"W) to and change characteristic to Fl G 2s	2°11'14"S 80°58'03"
	Change	Characteristic of buoys to	
		Fl(2) 7s	2°10'17"S 80°53'25"
		Fl(2) 10s	2°12'31"S 80°54'39"
		Fl(2) 6s	2°11'08"S 80°55'49"
		Fl(2) 9s	2°11'49"S 80°57'53"
		Fl(2) 10s	2°09'54"S 81°00'03"
	Add	Light Oc 1.5s 40m 10M	2°12'09"S 80°57'56"
		Buoy (mooring) "1", Iso G 2s	2°11'12"S 80°58'16"
22102	18Ed. 9/22/84 LAST NM 42/86		(2/87 Guayaquil) 27/
	Change	Visibility (range) of light to 25M	2°11'01"S 80°59'43"
22102	18Ed. 9/22/84 LAST NM 27/87		(Ecu CH 10520) 34/
	Delete	Buoy "1"	2°11'17"S 80°53'00"
	Relocate	Buoy (2°10'33"S 80°54'19"W) to	2°10'23"S 80°54'20"
	Change	Buoys, each to BRB, double ball topmark	
		Fl(2) 6s	2°11'09"S 80°55'49"
		Fl(2) 10s	2°12'31"S 80°54'39"
		Fl(2) 7s	2°10'17"S 80°53'26"
		Fl(2) 5s	2°12'40"S 80°54'28"
	Add	Depth 6.3 meters Rk	2°11'25"S 80°52'37"
22102	18Ed. 9/22/84 LAST NM 34/88		(12(6)88 Guayaquil) 21/
	Delete	"PILOT...AREA" bound by purple dashed line joining	2°08'S 80°56'W
			2°10'S 80°56'W
			2°10'S 80°55'W
		Anchorage area bound by purple dashed line joining	2°08'S 80°55'W
			2°10'S 80°55'W
			2°10'S 80°53'W
	Add	"PILOT WAITING AREA" bound by chart border and purple dashed line joining	2°06'S 80°53'W
			2°08'S 80°53'W
			2°08'S 80°51'W
		Anchorage area bound by chart border and purple dashed line joining	2°08'S 80°53'W
			2°10'S 80°53'W
			2°10'S 80°51'W
★**22103**	1Ed. 11/13/82	NEW CHART	(DMAHTC) 2/83
22103	1Ed. 11/13/82 LAST NM 2/83		(12(16, 17, 18)84 Guayaquil) 14/85
	Change	Color of buoys to black and red bands	2°11'08"S 80°55'49"W
			2°12'31"S 80°54'38"W
			2°10'16"S 80°53'25"W
22103	1Ed. 11/13/82 LAST NM 14/85		(10(16), 11(17)85 Guayaquil) 14/86
	Add	Dangerous wreck marked by light, Iso R 4s 2M (PA)	2°11'00"S 80°53'17"W
22103	1Ed. 11/13/82 LAST NM 14/86		(1(1), 4(9-11)86 Guayaquil) 42/86
	Delete	Light	2°11.0'S 80°53.3'W
	Change	Characteristic of buoys to	
		Fl(2) 7s	2°10'16"S 80°53'25"W
		Fl(2) 10s	2°12'31"S 80°54'38"W
		Fl(2) 6s	2°11'08"S 80°55'49"W
22103	1Ed. 11/13/82 LAST NM 42/86		(Ecu CH 10520) 34/88
	Relocate	Buoy (2°10'34"S 80°54'19"W) to	2°10'24"S 80°54'19"W

(continued on next page)

22103 (Continued)

Change	Buoys, each to BRB, double ball topmark	34/88
	Fl(2) 10s	2°12′31″S 80°54′38″W
	Fl(2) 7s	2°10′16″S 80°53′25″W
	Fl(2) 6s	2°11′08″S 80°55′49″W
Add	Stranded wreck	
	Buoy BRB, double ball topmark	2°12′41″S 80°54′27″W
	Fl(2) 5s	2°12′40″S 80°54′28″W
	Depth 6.3 meters Rk	2°11′24″S 80°52′38″W

★22109 2Ed. 10/19/85 NEW EDITION (DMAHTC) 51/85

22109 2Ed. 10/19/85 LAST NM 51/85 (10(16), 11(17)85 Guayaquil; BA LL) 14/86

Delete	Light	2°12′09″S 80°57′54″W
Add	Dangerous wreck marked by light, Iso R 4s 2M (PA)	2°11′00″S 80°53′17″W

22109 2Ed. 10/19/85 LAST NM 14/86 (MCNM7793/86) 32/86

Delete	Depth 1.9 meters	2°12′25″S 80°54′51″W
Add	Depth 1.9 meters	2°12′34″S 80°54′12″W

22109 2Ed. 10/19/85 LAST NM 32/86 (1(1), 4(8, 9, 11-13), 5(15)86 Guayaquil, Ecu LL) 42/86

Delete	Light (See 14/86-22109)	2°11.0′S 80°53.3′W
Relocate	Buoy "2" (2°11′07″S 80°57′48″W) to and change characteristic to Fl G 2s	2°11′14″S 80°58′03″W
Change	Characteristic of buoys to	
	Fl(2) 7s	2°10′17″S 80°53′25″W
	Fl(2) 6s	2°11′08″S 80°55′49″W
	Fl(2) 9s	2°11′49″S 80°57′53″W
	Fl(2) 10s	2°09′54″S 81°00′03″W
Add	Light Oc 1.5s 40m 10M	2°12′09″S 80°57′56″W

22109 2Ed. 10/19/85 LAST NM 42/86 (2/87 Guayaquil) 27/87

Change	Visibility (range) of light to 25M	2°11.1′S 80°59.7′W

22109 2Ed. 10/19/85 LAST NM 27/87 (Ecu CH 10520) 34/88

Change	Buoys, each to Fl(2) 6s	2°11′08″S 80°55′49″W
	Fl(2) 7s	2°10′17″S 80°53′25″W
	Fl(2) 9s	2°11′49″S 80°57′51″W
	Fl(2) 10s	2°09′54″S 81°00′03″W

22109 2Ed. 10/19/85 LAST NM 34/88 (12(6)88 Guayaquil) 21/89

Add	"PILOT WAITING AREA" bound by purple dashed line joining	2°06′S 80°53′W
		2°08′S 80°53′W
		2°08′S 80°50′W
	Anchorage area bound by purple dashed line joining	2°08′S 80°53′W
		2°10′S 80°53′W
		2°10′S 80°50′W

★22111 3Ed. 12/1/84 NEW EDITION (DMAHTC) 7/85

22111 3Ed. 12/1/84 LAST NM 7/85 (12(16, 18, 19)84 Guayaquil) 14/85

Change	Color of buoys to black and red bands	2°10.2′S 81°00.4′W
		2°11.4′S 80°56.2′W
		2°10.6′S 80°53.9′W

22111 3Ed. 12/1/84 LAST NM 14/85 (2(2-4)85 Guayaquil) 22/85

Relocate	Light close SE to and change height to 131ft	2°12.5′S 80°58.3′W
Add	Light Fl 5s 46ft 6M (PA)	2°33.7′S 80°30.9′W

22111 3Ed. 12/1/84 LAST NM 22/85 (5(6)85 Guayaquil) 36/85

Add	Buoy (mooring) Fl 4s	2°11′29.4″S 80°56′25.3″W

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22111	3Ed. 12/1/84 LAST NM 36/85		(10(16), 11(17)85 Guayaquil; BA LL) 14/86
	Delete	Light (See 22/85-22111)	2°12.5'S 80°58.3'W
	Add	Dangerous wreck marked by light, Iso R 4s (PA)	2°11'00"S 80°53'17"W
22111	3Ed. 12/1/84 LAST NM 14/86		(1(1), 4(7-9, 11, 13), 5(15)86 Guayaquil, Ecu LL) 42/86
	Delete	Light (See 14/86-22111) Buoy (mooring)	2°11.0'S 80°53.3'W 2°11.5'S 80°58.4'W
	Relocate	Buoy "2" (2°11.4'S 80°58.2'W) to and change characteristic to Fl G 2s	2°11.5'S 80°58.4'W
	Change	Characteristic of buoys to Fl(2) 7s Fl(2) 6s Fl(2) 10s	 2°10.5'S 80°53.9'W 2°11.4'S 80°56.2'W 2°10.2'S 81°00.4'W
	Add	Light Oc 1.5s 40m 10M Buoy (mooring) "1", Iso G 2s	2°12.3'S 80°58.3'W 2°11.5'S 80°58.7'W
22111	3Ed. 12/1/84 LAST NM 42/86		(1(1), 2/87 Guayaquil) 27/87
	Change	Characteristic of buoy to Iso 4s Visibility (range) of light to 25M	2°44.4'S 80°24.7'W 2°11.3'S 81°00.2'W
	Add	Note "BUOYAGE IALA Buoyage System (Region B) is in effect in the area covered by this chart. See Chart No. 1."	2°14'S 80°30'W
22111	3Ed. 12/1/84 LAST NM 27/87		(MCNM8015/87) 48/87
	Add	Platform (under constr) (PA)	2°33.9'S 80°45.5'W
22111	3Ed. 12/1/84 LAST NM 48/87		(10(9)87 Guayaquil) 25/88
	Delete	Platform (under constr) (PA) (Supersedes 48/87-22111)	2°33.9'S 80°45.5'W
	Add	Platforms	2°29.3'S 80°48.2'W 2°33.6'S 80°45.6'W
22111	3Ed. 12/1/84 LAST NM 25/88		(Ecu CH 1020) 34/88
	Change	Buoys, each to BRB, double ball topmark, Fl(2) 7s Fl(2) 6s Fl(2) 10s	 2°10.5'S 80°53.9'W 2°11.4'S 80°56.2'W 2°10.2'S 81°00.4'W
★22112	2Ed. 8/15/81	NEW EDITION	(DMAHTC) 41/81
22112	2Ed. 8/15/81 LAST NM 41/81		(9(21)81 Guayaquil) 13/82
	Relocate	Buoy "1" (3°05.2'S 80°18.7'W) to	3°04'54"S 80°18'18"W
22112	2Ed. 8/15/81 LAST NM 13/82		(21(1226)82 Taunton) 39/82
	Add	Depths 7.8 meters "Rep (1982)" 7.8 meters "Rep (1982)"	2°48'11"S 79°53'31"W 2°57'06"S 79°58'05"W
22112	2Ed. 8/15/81 LAST NM 39/82		(Ecu CH I.O.A. 108) 6/83
	Add	Depth 9.1 meters Dangerous submerged rock	3°12'32"S 80°27'32"W 3°12'55"S 80°27'54"W
22112	2Ed. 8/15/81 LAST NM 6/83		(NVS6977/83) 31/83
	Change	Buoy "12" to Qk Fl R	2°45.5'S 80°16.8'W
	Add	Stranded wreck (PA)	2°44.5'S 80°15.5'W
22112	2Ed. 8/15/81 LAST NM 31/83		(NVS7192/84) 27/84
	Change	Height of light to 11m	3°24'00"S 80°18'24"W
22112	2Ed. 8/15/81 LAST NM 27/84		(Ecu CH 109) 42/84
	Change	Period of light to 10s	3°10.2'S 80°26.2'W
	Add	Anchorage symbol	3°10.70'S 80°24.75'W
22112	2Ed. 8/15/81 LAST NM 42/84		(6(10)84 Guayaquil) 14/85
	Relocate	Light close SE to and change visibility (range) to 8M	3°12'27"S 80°01'31"W

22112 2Ed. 8/15/81 LAST NM 14/85
Delete Light

22112 2Ed. 8/15/81 LAST NM 26/85
Change Buoy to safe water buoy: "1", RW, ball topmark, Iso 2s

Add Note
"CHANGES IN BUOYAGE
Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region B. For further explanation, see annual NM 1(6) and Chart No. 1."

22112 2Ed. 8/15/81 LAST NM 32/85
Delete Stranded wreck (PA)

Add Stranded wreck
Legend "Less water Rep (1985)"
between

between

22112 2Ed. 8/15/81 LAST NM 12/86
Add Light Fl 3s 10m 8M

22112 2Ed. 8/15/81 LAST NM 42/86
Change Buoy to RW, Iso 4s

Note to
"BUOYAGE
IALA Buoyage System (Region B) is in effect in the area covered by this chart. See Chart No. 1."

22112 2Ed. 8/15/81 LAST NM 27/87
Add Pilot station symbol

22112 2Ed. 8/15/81 LAST NM 36/87
Add Light Fl(2) 15s 11m 12M

22112 2Ed. 8/15/81 LAST NM 11/88
Add Stranded wreck
Buoy, red, Fl R 10s

22112 2Ed. 8/15/81 LAST NM 25/88
Add Dangerous submerged rock
"Rep (1974)"

★22113 5Ed. 8/31/85 NEW EDITION

22113 5Ed. 8/31/85 LAST NM 46/85
Delete Stranded wreck (PA)

Add Stranded wreck
Legend "Less water Rep (1985)"
between

between

22113 5Ed. 8/31/85 LAST NM 12/86
(Plan A)
Add Depth 1 fathom 2 feet

22113 5Ed. 8/31/85 LAST NM 27/86
(Plans A & B)
Change Visibility (range) of lights to 6M
7M

(11, 12/84 Callao) 26/85
3°24'00"S 80°18'24"W

(8(12)84 Guayaquil) 32/85

3°12'04"S 80°00'45"W

3°26.0'S 79°52.5'W

(188)86 Taunton) 12/86
2°44.5'S 80°15.5'W

2°44.4'S 80°15.6'W

2°43.9'S 80°21.0'W
2°43.9'S 80°19.5'W

2°44.4'S 80°17.1'W
2°44.4'S 80°16.3'W

(3(5)86 Guayaquil) 42/86
3°22'30"S 80°18'18"W

(1(1)87 Guayaquil) 27/87
2°44.4'S 80°24.7'W

SUBREGION
22

3°26.0'N 79°52.5'W

(MCNM7926/87) 36/87
3°11.5'S 80°01.6'W

(10(63)87 Callao; BA LL) 11/88
3°24'00"S 80°18'24"W

(16(1238)88 Taunton) 25/88
2°57.8'S 79°59.1'W
2°58.1'S 79°59.0'W

(MCNM8049/88) 45/88

2°45'46"S 80°14'46"W

(DMAHTC) 46/85

(1(88)86 Taunton) 12/86
2°44.5'S 80°15.5'W

2°44'25"S 80°15'34"W

2°43'54"S 80°20'00"W
2°43'54"S 80°21'00"W

2°44'36"S 80°17'18"W
2°44'36"S 80°16'48"W

(HNNM7687/86) 27/86

2°34'34"S 80°07'52"W

(BA LL; Ecu CH 1075) 15/87

2°29'08"S 80°03'24"W
2°30'27"S 80°04'26"W

ntinued on next page)

22113 (Continued)

(Plan B) 15/8

Change — Visibility (range) of lights to 6M — 2°20'07"S 80°00'13"W
7M — 2°20'50"S 80°00'27"W
6M — 2°23'12"S 80°00'06"W
7M — 2°24'27"S 80°01'03"W

22113 5Ed. 8/31/85 LAST NM 15/87

Change — Buoy to RW, Iso 4s — (1(1)87 Guayaquil) 27/87 2°44'23"S 80°24'44"W

Note to
"BUOYAGE
IALA Buoyage System (Region B) is in effect in the area covered by this chart. See Chart No. 1."

2°33'20"S 80°27'20"W

★22114 4Ed. 9/26/87 — NEW EDITION — (DMAHTC) 48/87

★22115 2Ed. 8/1/81 — NEW EDITION — (DMAHTC) 39/81

22115 2Ed. 8/1/81 LAST NM 39/81

Delete — Legend "Under construction" — (NVS6812/82) 49/82 3°15'22.0"S 79°59'56.5"W

Solid line between — 3°15'16.8"S 79°59'55.5"W 3°15'29.0"S 79°59'56.5"W

Substitute — Solid line for dashed line joining — 3°15'16.8"S 79°59'55.5"W 3°15'16.3"S 79°59'56.9"W 3°15'28.5"S 79°59'57.8"W 3°15'29.0"S 79°59'56.5"W

★22115 2Ed. 8/1/81 LAST NM 49/82

Change — DMA Stock No. to 22BHA22115 in lower right margin of chart
Note: Applicable to certain copies of this chart only — (DMAHTC) 21/84

★22115 2Ed. 8/1/81 LAST NM 21/84

Delete — Depths 7.1 meters — (NVS7260/84) 23/84 3°15'19.5"S 79°59'58.5"W
5 meters — 3°15'22.0"S 79°58'57.9"W
5.5 meters — 3°15'26.2"S 79°58'58.0"W
7.7 meters — 3°15'26.0"S 80°00'01.0"W

Add — Legend "10 meters (rep 1984)" between — 3°15'16"S 79°59'58"W 3°15'29"S 79°59'59"W

22115 2Ed. 8/1/81 LAST NM 23/84

Change — Period of buoy "1" to 2s — (Ecu CH 10811) 42/84 3°12'04"S 80°00'56"W

22115 2Ed. 8/1/81 LAST NM 42/84

Relocate — Light close SE to and change visibility (range) to 8M — (6(10)84 Guayaquil) 14/85 3°12'27"S 80°01'31"W

22115 2Ed. 8/1/81 LAST NM 14/85

Change — Buoy to safe water buoy: "1", RW, ball topmark, Iso 2s — (8(12)84 Guayaquil) 32/85 3°12'04"S 80°00'56"W

Add — Note
"CHANGES IN BUOYAGE
Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region B. For further explanation, see annual NM 1(6) and Chart No. 1."

3°14.7'S 79°58.1'W

★22117 1Ed. 8/29/81 — NEW CHART — (DMAHTC) 41/81

★22120 1Ed. 8/31/85 — NEW CHART — (DMAHTC; BA LL) 49/85 4°26.8'S 81°17.2'W

Delete — Light flare symbol

Change — Visibility (range) of light to 30M — 4°40.2'S 81°19.7'W

22120 1Ed. 8/31/85 LAST NM 49/85

Change — Height of light to 68m — (1(4)87 Callao) 25/87 6°27.7'S 80°51.2'W

22120	1Ed. 8/31/85 LAST NM 25/87		
	Add	Depths 720 meters	(27(2045)87 Taunton) 45/87
		290 meters	4°41.2′S 81°35.4′W
			4°48.8′S 81°33.3′W
22120	1Ed. 8/31/85 LAST NM 45/87		
	Delete	Danger circle and legend "Obstr Mast (sunken platform)"	(42(3202)87 Taunton) 7/88
			4°46.5′S 81°21.9′W
		Stranded wreck	
		Wreck	4°55.1′S 81°09.1′W
			4°53.7′S 81°16.5′W
22120	1Ed. 8/31/85 LAST NM 7/88		
	Add	Platform with light flare symbol	(8(48)87 Callao) 10/88
			4°58.2′S 81°14.1′W
22120	1Ed. 8/31/85 LAST NM 10/88		
	Change	Visibility (range) of light to 13M	(10(68)87 Callao) 12/88
			6°27.6′S 80°51.3′W
22120	1Ed. 8/31/85 LAST NM 12/88		
	Delete	Depth 62 meters	(3(269)88 Taunton) 15/88
			6°44.1′S 81°19.0′W
22120	1Ed. 8/31/85 LAST NM 15/88		
	Change	Light to Fl 10s 53m 17M	(14(1113)88 Taunton) 27/88
			4°40.2′S 81°19.7′W
22120	1Ed. 8/31/85 LAST NM 27/88		
	Delete	Dangerous wreck (PA)	(Peru CH 1170; BA LL) 33/88
			5°40.6′S 81°00.0′W
	Change	Visibility (range) of light to 13M	
			5°12.5′S 81°12.5′W
	Add	Light Fl 4s 15m 11M	
			5°47.2′S 81°04.2′W
22120	1Ed. 8/31/85 LAST NM 33/88		
	Delete	Depths 42 meters "(ED)"	(MCNM8141/88) 36/88
		247 meters	4°57.8′S 82°13.8′W
			5°09.9′S 82°04.6′W
22120	1Ed. 8/31/85 LAST NM 36/88		
	Add	Platform	(10(53)88 Callao) 21/89
			4°28.2′S 81°21.8′W
★22121	7Ed. 7/27/85	NEW EDITION	
	Delete	Purple outline of chart 22123	(DMAHTC) 39/85
			4°34′S 81°19′W
22121	7Ed. 7/27/85 LAST NM 39/85		
	Delete	Legend "91 to ... (1965)"	(Peru CH 1100; HNNM7550/85) 45/85
		Depth 122 meters	4°41.2′S 81°24.2′W
			4°22.7′S 81°21.6′W
	Add	Depths 109 meters "Rep (1965)"	
		122 meters "Rep (1968)"	4°42′33″S 81°24′34″W
		98 meters "Rep (1971)"	4°35′30″S 81°25′00″W
		122 meters "Rep (1971)"	4°34′16″S 81°23′19″W
		Legend "Rep (1965)" to depth 91 meters	4°22′39″S 81°22′03″W
		Legend "91 to 109 meters Rep (1965)" between	4°35′09″S 81°26′37″W
			4°37′00″S 81°26′00″W
			4°39′30″S 81°25′36″W
22121	7Ed. 7/27/85 LAST NM 45/85		
	Change	Visibility (range) of light to 30M	(BA LL) 49/85
			4°40.2′S 81°19.7′W
22121	7Ed. 7/27/85 LAST NM 49/85		
	Change	Light to Fl 10s 53m 17M	(14(1113)88 Taunton) 27/88
			4°40′14″S 81°19′42″W
22121	7Ed. 7/27/85 LAST NM 27/88		
		(Plan)	(Peru CH 1152) 32/88
	Add	Chartlets, depicting changes in aids to navigation and hydrography, from back of Section I	
		(A)	4°34.1′S 81°18.2′W
		(B)	4°34.1′S 81°17.9′W
		(C)	4°34.9′S 81°18.0′W
		(D)	4°34.9′S 81°16.7′W
22121	7Ed. 7/27/85 LAST NM 32/88		
	Add	Platform	(10(53)88 Callao) 21/89
			4°28′09″S 81°21′55″W
★22122	7Ed. 1/4/86	NEW EDITION	(DMAHTC) 12/86

SECTION 22

22122	7Ed. 1/4/86 LAST NM 12/86 (And Plan A)		(12(B para 2)86 Callao) 25/87
	Delete	Buoys (mooring)	4°27'00"S 81°17'10"W 4°27'05"S 81°17'06"W 4°27'07"S 81°17'07"W 4°27'13"S 81°17'13"W 4°27'13"S 81°17'14"W 4°27'10"S 81°17'16"W
★22124	1Ed. 12/15/84	NEW CHART	(DMAHTC) 10/85
22124	1Ed. 12/15/84 LAST NM 10/85		(DMAHTC; BA LL) 49/85
	Change	Visibility (range) of light to 30M	4°40.2'S 81°19.7'W
	Add	Note in upper left margin of chart "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region B. For further explanation, see annual NM 1(6) and Chart No. 1."	
22124	1Ed. 12/15/84 LAST NM 49/85 (Plan)		(51/52(723)85 Hamburg) 16/86
	Delete	Anchorage symbol	5°04'26"S 81°06'48"W
22124	1Ed. 12/15/84 LAST NM 16/86 (And Plan)		(7(B)86 Callao) 49/86
	Add	Stranded wreck	5°04'32"N 81°07'13"W
22124	1Ed. 12/15/84 LAST NM 49/86 (And Plan)		(7(B)86 Callao) 4/87
	Add	Stranded wreck (Cancels 49/86-22124)	5°04'32"S 81°07'13"W
22124	1Ed. 12/15/84 LAST NM 4/87		
	Delete	Danger circle and legend "Obstr Mast (sunken platform)"	(42(3202)87 Taunton) 7/88 4°4[illegible]27"S 81°21'52"W
		Stranded wreck	4°55'07"S 81°09'05"W
		Wreck	4°53'41"S 81°16'31"W
22124	1Ed. 12/15/84 LAST NM 7/88		(8(48)87 Callao) 10/88
	Add	Platform with light flare symbol	4°58.2'S 81°14.1'W
22124	1Ed. 12/15/84 LAST NM 10/88		
	Change	Light to Fl 10s 53m 17M	(14(1113)88 Taunton) 27/88 4°40'14"S 81°19'42"W
22124	1Ed. 12/15/84 LAST NM 27/88		
	Change	Visibility (range) of light to 13M	(Peru CH 1170; BA LL) 33/88 5°12'18"S 81°12'30"W
22124	1Ed. 12/15/84 LAST NM 33/88		
	Add	Note "ANCHORAGES 1. Merchant Vessels. 2. Fishing, Trawling and Factory Vessels. 3. Merchant, Trawling and Factory Vessels not in service. 4. Vessels with dangerous cargo. 5. Quarantine. 6. Fishing Vessels less than 20 gross tons, and small Fishing Sailboats. 7. Reserved for Peruvian Navy."	(8(48)88 Callao) 9/89
		Anchorage area bound by purple dashed lines "5" joining	5°06'00"S 81°03'00"W 5°02'15"S 81°05'13"W 5°02'29"S 81°05'13"W 5°02'29"S 81°05'34"W 5°02'15"S 81°05'34"W
	Delete	(And Plan) "EXPLOSIVE ANCHORAGE" area centered	5°04'05"S 81°07'05"W

(continued on next page)

22124	(Continued) Add	Anchorage areas bound by dashed lines "1" joining	9/89 5°03′34″S 81°06′03″W 5°03′53″S 81°06′03″W 5°03′53″S 81°06′29″W 5°03′34″S 81°06′29″W
		"2" joining	5°03′57″S 81°06′02″W 5°04′13″S 81°06′02″W 5°04′13″S 81°06′25″W 5°03′57″S 81°06′25″W
		"3" joining	5°03′51″S 81°05′32″W 5°04′08″S 81°05′32″W 5°04′08″S 81°05′55″W 5°03′51″S 81°05′55″W
		"4" joining	5°02′58″S 81°05′40″W 5°03′11″S 81°05′40″W 5°03′11″S 81°05′58″W 5°02′58″S 81°05′58″W
		"6" joining	5°04′55″S 81°06′38″W 5°05′02″S 81°06′45″W 5°04′48″S 81°07′03″W 5°04′41″S 81°06′57″W
		"7" joining	5°04′07″S 81°06′59″W 5°04′24″S 81°06′55″W 5°04′28″S 81°07′19″W 5°04′07″S 81°07′19″W
★22130	1Ed. 9/7/85 Change	NEW CHART Light to Fl 5s 15m 12M	(DMAHTC; BA CH 3089; BA LL) 1/86 8°13.6′S 78°59.3′W
	Add	Light F 26m 8M	6°49.9′S 79°56.2′W
22130	1Ed. 9/7/85 LAST NM 1/86 Change	Height of light to 68m	(1(4)87 Callao) 25/87 6°27.6′S 80°51.3′W
22130	1Ed. 9/7/85 LAST NM 25/87 Change	Visibility (range) of light to 13M	(10(68)87 Callao) 12/88 6°27.6′S 80°51.3′W
22130	1Ed. 9/7/85 LAST NM 12/88 Delete	Depth 62 meters	(3(269)88 Taunton) 15/88 6°44.0′S 81°19.5′W
22130	1Ed. 9/7/85 LAST NM 15/88 Delete	R Bn at light	(5(31)88 Callao) 44/88 6°55.8′S 80°42.3′W
22130	1Ed. 9/7/85 LAST NM 44/88 Change	Characteristic of light to Fl R 5s	(8(46)88 Callao) 9/89 8°13.6′S 78°59.5′W
★22138	1Ed. 11/17/84	NEW CHART	(DMAHTC) 6/85
22138	1Ed. 11/17/84 LAST NM 6/85 Add	Light FR 4M	(12(B para 6)86 Callao) 25/87 6°56′22″S 79°52′19″W
22138	1Ed. 11/17/84 LAST NM 25/87 (Plan C) Change	Caution note title to "Cautions" and first line to "1. Docking conditions are reported to be unsafe due to silting and"	(8(50)87 Callao) 13/88
		Legend to "See caution No. 1"	8°12.6′S 78°58.9′W 8°13.5′S 78°59.2′W
	Add	Caution No. 2 to cautions note "2. Hydrographic information and buoyage may be subject to change due to continuous silting and frequent dredging. Mariners are advised to exercise extreme caution when navigating in these waters."	
		Legend "See caution No. 2"	8°12.7′S 78°58.9′W 8°12.9′S 79°00.0′W

SUBREGION 22

22138 1Ed. 11/17/84 LAST NM 13/88

		(Plan B)	(12(72)88 Callao) 24/88
	Add	"Anchorage" area bound by dashed line joining	
			7°40′14″S 79°28′02″W
			7°40′14″S 79°27′51″W
			7°40′44″S 79°27′51″W
			7°40′44″S 79°28′02″W
		"Quarantine And Dangerous Cargo Anchorage" area bound by purple dashed line joining	
			7°41′15″S 79°28′48″W
			7°41′15″S 79°28′28″W
			7°41′33″S 79°28′28″W
			7°41′33″S 79°28′48″W

22138 1Ed. 11/17/84 LAST NM 24/88

		(Plan C)	(8(46)88 Callao) 9/88
	Change	Characteristic of lights to Fl R 5s	
		F, FR	8°13′33″S 78°59′27″W
		FG, FR	8°13′38″S 78°59′05″W
			8°13′36″S 78°59′01″W

★22140 1Ed. 9/6/86 NEW CHART (DMAHTC) 43/86

22140 1Ed. 9/6/86 LAST NM 43/86

	Add	Depth 148 meters	(34(35)88 Brest) 7/89
			8°42′S 80°07′W

22140 1Ed. 9/6/86 LAST NM 7/89

	Change	Characteristic of light to Fl R	(8(46)88 Callao) 9/89
			8°13.6′S 78°59.5′W

★22142 1Ed. 9/21/85 NEW CHART

	Substitute	Stranded wreck for dangerous wreck	(DMAHTC; HNNM7550/85) 49/85
			9°04′50″S 78°36′24″W
	Change	Note in upper left margin of chart to "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region B. For further explanation, see annual NM 1(6) and Chart No. 1."	

22142 1Ed. 9/21/85 LAST NM 49/85

	Delete	Depth 5.5 meters enclosed by danger circle	(Peru CH 1310) 8/86
		Dangerous wreck	9°03.9′S 78°38.9′W
			9°02.2′S 78°42.3′W

22142 1Ed. 9/21/85 LAST NM 8/86

		(And Plan)	(Peru CH 1313) 30/86
	Delete	Stranded wreck	
			9°07′23″S 78°36′21″W
	Substitute	Depth 10 meters Wk for dangerous wreck	
			9°07′28″S 78°37′01″W
		(Plan)	
	Substitute	Depth 19.2 meters for 12.9 meters	
			9°06′49″S 78°36′53″W

22142 1Ed. 9/21/85 LAST NM 30/86

		(Plan)	(7(B), 6(B)86 Callao) 49/86
	Delete	Dredged area centered	
			9°07′39″S 78°33′47″W
	Substitute	Depth 1 meter Wk for stranded wreck	
			9°04′26″S 78°36′52″W

22142 1Ed. 9/21/85 LAST NM 49/86

		(And Plan)	(10, 11/86 Callao) 9/87
	Change	Light to Fl R 4M	
			9°04′57.6″S 78°37′24.0″W
	Add	Lights FR 1M	
			9°04′48.5″S 78°37′01.5″W
			9°04′47.2″S 78°36′45.2″W

22142 1Ed. 9/21/85 LAST NM 9/87

		(Plan)	(38(2908)87 Taunton) 52/87
	Add	Depth 3 meters Rk	
			9°04′50″S 78°37′16″W

22142 1Ed. 9/21/85 LAST NM 52/87

		(And Plan)	(7(41)87 Callao) 7/88
	Substitute	Depth 1 meter Wk for stranded wreck	
	Add	Depth 1 meter Wk	9°04′53″S 78°36′22″W
			9°04′47″S 78°36′22″W

22142 1Ed. 9/21/85 LAST NM 7/88

	(And Plan)	
Delete	Stranded wreck	(12(74)87, 1(2), 2(6)88 Callao) 24/88
	(Plan)	
Delete	Depth 1 meter Wk	9°04′35″S 78°36′56″W
Add	Depths 1 meter Wk (unsurveyed)	9°04′26″S 78°36′52″W
	1 meter Wk (unsurveyed)	9°04′46″S 78°36′04″W 9°04′47″S 78°36′02″W
	Platform	9°06′36″S 78°34′03″W
	Submarine pipeline between	9°06′36″S 78°34′03″W 9°06′32″S 78°33′56″W
	"Sunken Craft Area" bound by dashed line joining	9°06′42″S 78°34′03″W 9°06′41″S 78°34′00″ 9°06′51″S 78°34′02″W 9°06′48″S 78°33′56″W

★22143 2Ed. 3/19/83 NEW EDITION (DMAHTC) 24/83

22143 2Ed. 3/19/83 LAST NM 24/83

	(Plan C)	
Substitute	Light Iso 3s 30m 2M for solid circle	(Peru CH 1393; Peru LL) 32/83
	Note: Legend "Tank" remains	
Change	Visibility (range) of light to 8M	11°44′50″S 77°09′55″W

22143 2Ed. 3/19/83 LAST NM 32/83

	(Plan B)	
Delete	Light	11°46′48″S 77°11′50″W
Relocate	Light close NE to and change visibility (range) to 12M	(Fr LL, Peru CH 1372) 48/85 11°07′18″S 77°36′59″W 11°07′33″S 77°37′05″W

22143 2Ed. 3/19/83 LAST NM 48/85

	(Plan A)	(12(B para 11, 12, 15)86, 2(8)87 Callao) 25/87
Substitute	Buoy, ball topmark for buoy (mooring)	10°47′54″S 77°45′21″W
	(Plan B)	
Add	Light F	11°07′18″S 77°37′00″W
	(Plan C)	
Delete	Light	11°44′51″S 77°09′55″W
Add	Buoys "No 1"	11°44′55″S 77°10′20″W
	"No 2"	11°44′34″S 77°10′24″W

22143 2Ed. 3/19/83 LAST NM 25/87

	(Plan A)	(6(34, 35)88 Callao) 9/89
Add	Hulk symbols	10°47′37″S 77°44′59″W 10°47′38″S 77°44′55″W 10°47′40″S 77°44′54″W 10°47′44″S 77°44′53″W 10°47′46″S 77°44′50″W 10°47′48″S 77°45′00″W 10°48′50″S 77°44′50″W 10°47′51″S 77°44′49″W
	(Plan B)	
Add	Hulk symbol	11°05′16″S 77°38′18″W

22143 2Ed. 3/19/83 LAST NM 9/89

	(Plan A)	(6(34)88 Callao) 13/89
Delete	Hulk symbol	10°48′50″S 77°44′50″W
Add	Hulk symbol (See 9/89-22143)	10°47′50″S 77°44′50″W

★22160 1Ed. 9/21/85 NEW CHART (DMAHTC) 47/85

22160 1Ed. 9/21/85 LAST NM 47/85

Add	Stranded wreck	(6(B)86 Callao) 49/86 12°01.2′S 77°10.5′W

22160	1Ed. 9/21/85 LAST NM 49/86		(42(3204)87 Taunton) 7/88
	Add	Swept depth 1.2 meters Wk enclosed by danger circle	12°04.1'S 77°12.2'W
22160	1Ed. 9/21/85 LAST NM 7/88		(BA RA) 8/88
	Delete	R Bn (AERO)	12°05.2'S 77°04.9'W
22160	1Ed. 9/21/85 LAST NM 8/88		(Peru LL) 19/89
	Change	Visibility (range) of light to 28M	12°03.7'S 77°14.8'W
★22170	1Ed. 9/21/85	NEW CHART	(DMAHTC) 46/85
22170	1Ed. 9/21/85 LAST NM 46/85		(6(B)86 Callao) 49/86
	Add	Stranded wreck	12°01.2'S 77°10.5'W
22170	1Ed. 9/21/85 LAST NM 49/86		(BA LL) 28/87
	Change	Light to Fl 10s 108m 19M	12°07.4'S 77°02.4'W
22170	1Ed. 9/21/85 LAST NM 28/87		(42(3204)87 Taunton) 7/88
	Add	Swept depth 1.2 meters Wk enclosed by danger circle	12°04.1'S 77°12.2'W
22170	1Ed. 9/21/85 LAST NM 7/88		(44(3353)87 Taunton; BA RA) 8/88
	Delete	R Bn (AERO)	12°05.1'S 77°04.9'W
	Add	R Bn (AERO)	12°11.7'S 77°00.5'W
22170	1Ed. 9/21/85 LAST NM 8/88		(9(59)87 Callao) 9/88
	Add	Dangerous wreck	12°08.25'S 77°08.25'W
22170	1Ed. 9/21/85 LAST NM 9/88		(MCNM8049/88) 17/88
	Delete	R Bn (AERO) (See 8/88-22170)	12°11.7'S 77°00.5'W
22170	1Ed. 9/21/85 LAST NM 17/88		(Peru LL) 19/89
	Change	Visibility (range) of light to 28M	12°03.7'S 77°14.8'W
★22172	4Ed. 3/19/83	NEW EDITION	(DMAHTC) 24/83
22172	4Ed. 3/19/83 LAST NM 24/83		(46(3042)84 Taunton) 1/85
	Delete	Pilot station symbol	12°02'31"S 77°11'40"W
	Add	"ANCHORAGE AREA" bound by dashed line joining	12°02'24"S 77°10'51"W 12°01'35"S 77°10'42"W 12°01'19"S 77°11'50"W 12°02'11"S 77°11'58"W
		Pilot station symbol	12°02'38"S 77°10'16"W
22172	4Ed. 3/19/83 LAST NM 1/85		(Peru CH 1396) 10/85
	Add	Stranded wrecks	12°03'53.1"S 77°13'35.5"W 12°05'11.5"S 77°12'20.7"W
		Depths 8 meters (PA) 8 meters (PA)	12°04'12.4"S 77°12'43.6"W 12°04'32.3"S 77°12'36.0"W
22172	4Ed. 3/19/83 LAST NM 10/85		(1(89)86 Taunton) 12/86
	Add	Dangerous wrecks	12°02'19.2"S 77°09'36.1"W 12°03'09.9"S 77°09'21.5"W
22172	4Ed. 3/19/83 LAST NM 12/86		(1(89)86 Taunton) 19/86
	Add	Buoy, conical, Fl 3s	12°03'09.9"S 77°09'23.4"W
22172	4Ed. 3/19/83 LAST NM 19/86		(BA LL) 34/86
	Change	Period of light to 5.5s	12°02'55"S 77°09'25"W
22172	4Ed. 3/19/83 LAST NM 34/86		(Peru CH 1397) 45/86
	Delete	Stranded wreck R Bn	12°02'33"S 77°08'57"W 12°04'24"S 77°10'07"W
	Substitute	Depth 5 meters Wk for dangerous wreck (masts)	12°03'39"S 77°09'31"W
	Add	Dangerous wreck	12°02'36"S 77°08'59"W
		Floating dock symbols	12°03'06"S 77°09'12"W 12°03'09"S 77°09'10"W

22172 4Ed. 3/19/83 LAST NM 45/86
Add — Stranded wreck marked by buoy, R, Fl 3s — (6(B)86 Callao) 49/86
12°02′29.5″S 77°10′16.1″W

22172 4Ed. 3/19/83 LAST NM 49/86
Add — Stranded wreck — (10/85 Callao) 52/86
12°02′06.8″S 77°09′29.1″W

22172 4Ed. 3/19/83 LAST NM 52/86
Delete — Buoys "1" — (9, 11/86 Callao) 9/87
"3" — 12°02′36.2″S 77°08′56.0″W
"5" — 12°02′33.5″S 77°08′54.0″W
12°02′29.0″S 77°08′50.0″W

Add — Dangerous wreck (Masts) — 12°02′35.1″S 77°08′59.8″W

22172 4Ed. 3/19/83 LAST NM 9/87
Add — Light FR — (12(B para 14)86 Callao) 25/87
12°03′52″S 77°09′26″W

22172 4Ed. 3/19/83 LAST NM 25/87
Delete — "DANGER ZONE EXPLOSIVE TESTING" areas — (3(11)87 Callao; Peru CH 1396) 36/87
12°03′48″S 77°12′06″W
12°02′50″S 77°13′30″W
12°02′30″S 77°15′12″W

Add — "TANKER ANCHORAGE (see note 1)" area bound by purple dashed line joining
12°03′10.5″S 77°12′11.5″W
12°04′05.2″S 77°11′18.2″W
12°04′18.5″S 77°11′37.0″W
12°03′40.0″S 77°12′29.7″W

Note — "NOTE
1. Anchorage area reserved for Peruvian Tank Vessels."

12°05′18.0″S 77°13′39.0″W

22172 4Ed. 3/19/83 LAST NM 36/87
Add — Swept depth 1.2 meters Wk enclosed by danger circle — (42(3204)87 Taunton) 7/88
12°04′04″S 77°12′08″W

22172 4Ed. 3/19/83 LAST NM 7/88
Change — Buoy to pillar, Fl — (9(56-58)87 Callao) 9/88
Note: Wreck remains — 12°02′29″S 77°10′16″W

Add — Land tint to area bound by shore, breakwater, and line joining
12°02′18.5″S 77°08′51.1″W
12°02′22.1″S 77°08′49.9″W
12°02′15.1″S 77°08′35.9″W
12°02′17.0″S 77°08′30.0″W

Light Fl Y 4M — 12°02′26.0″S 77°08′54.1″W

Buoys pillar, Fl
12°02′27.7″S 77°08′54.0″W
12°02′32.7″S 77°09′55.2″W

22172 4Ed. 3/19/83 LAST NM 9/88
Add — Depth 4 meters "Rep (1987)" — (2(166)88 Taunton) 16/88
12°03′44″S 77°09′32″W

22172 4Ed. 3/19/83 LAST NM 16/88
Change — Visibility (range) of light to 28M — (Peru CH 1390) 45/88
12°03′44″S 77°14′48″W

★22173 34Ed. 6/28/86 — NEW EDITION — (DMAHTC) 34/86

22173 34Ed. 6/28/86 LAST NM 34/86
Substitute — Depth 5 meters Wk for dangerous wreck (masts) — (Peru CH 1397) 45/86
12°03.6′S 77°09.5′W

22173 34Ed. 6/28/86 LAST NM 45/86
Add — Stranded wreck marked by buoy, R, Fl 3s — (6(B)86 Callao) 49/86
12°02′30″S 77°10′14″W

22173 34Ed. 6/28/86 LAST NM 49/86
Add — Stranded wreck — (10/85 Callao) 52/86
12°02.1′S 77°09.5′W

22173 34Ed. 6/28/86 LAST NM 52/86
Add — Light Fl 3s 5M — (9/86 Callao; Peru LL) 9/87
12°12.59′S 77°02.82′W

22173 34Ed. 6/28/86 LAST NM 9/87
Add — Lights FR — (12(B para 13, 14)86 Callao) 25/87
12°00′00″S 77°08′23″W
12°03′52″S 77°09′23″W

22173	34Ed. 6/28/86 LAST NM 25/87		
	Change	Light to Fl 10s 108m 19M	(BA LL) 28/87 12°07.4'S 77°02.4'W
22173	34Ed. 6/28/86 LAST NM 28/87		
	Add	R Bn (AERO)	(44(3353)87 Taunton) 8/88 12°11'42"S 77°00'25"W
22173	34Ed. 6/28/86 LAST NM 8/88		
	Change	Buoy to pillar, Fl Note: Wreck remains	(9(58, 59)87 Callao) 9/88 12°02'30"S 77°10'14"W
	Add	Dangerous wreck	12°08'14"S 77°08'10"W
22173	34Ed. 6/28/86 LAST NM 9/88		
	Delete	R Bn (AERO) (Cancels 8/88-22173)	(MCNM8049/88) 17/88 12°11'42"S 77°00'25"W
22173	34Ed. 6/28/86 LAST NM 17/88		
	Change	Visibility (range) of lights to 28M 9M	(Peru CH 1390) 45/88 12°03'45"S 77°14'47"W 12°07'12"S 77°10'44"W
	Add	Dangerous wreck	12°08'14"S 77°07'12"W
		Submarine pipeline between	12°55'47"S 77°09'11"W 12°56'00"S 77°10'40"W
★**22180**	1Ed. 11/24/84	NEW CHART	(DMAHTC) 6/85
22180	1Ed. 11/24/84 LAST NM 6/85		
	Add	"Submarine Exercise Area" bound by purple dashed line joining	(11, 12/84 Callao) 26/85 15°16'20"S 75°32'20"W 15°16'20"S 75°58'15"W 15°40'25"S 75°32'20"W 15°40'25"S 75°58'15"W
★**22181**	14Ed. 8/13/83	NEW EDITION (Previous edition canceled 23/78)	(DMAHTC) 45/83
22181	14Ed. 8/13/83 LAST NM 45/83		
		(And Plan)	(25(1639)84 Taunton) 34/84
	Delete	R Bn (AERO)	13°45'00"S 76°13'25"W
	Add	R Bn (AERO)	13°45'56.7"S 76°13'24.0"W
22181	14Ed. 8/13/83 LAST NM 34/84		
	Change	Visibility (range) of light to 9M	(Peru CH 2171) 33/86 13°50.08'S 76°27.8'W
22181	14Ed. 8/13/83 LAST NM 33/86		
	Change	Visibility (range) of light to 9M (Cancels 33/86-22181)	(Peru CH 2171) 39/86 13°50.8'S 76°27.8'W
22181	14Ed. 8/13/83 LAST NM 39/86		
		(And Plan)	(10/86 Callao) 9/87
	Delete	Buoy (mooring)	13°44'53"S 76°14'46"W
		(Plan)	
	Add	Position circle "Tide gauge"	13°48'20"S 76°17'31"W
22181	14Ed. 8/13/83 LAST NM 9/87		
	Delete	Position circle "Tower"	(Peru CH 2171; BA LL; BA RA) 33/88 13°44'11"S 76°13'18"W
	Add	Light (AERO) Al Fl WG 20m 5M R Bn (AERO)	13°44'10"S 76°13'11"W 13°45'10"S 76°13'12"W
	Delete	(And Plan) Light R Bn (AERO)	13°44'57"S 76°13'24"W 13°45'57"S 76°13'24"W
★**22182**	5Ed. 8/25/84	NEW EDITION	(DMAHTC; Peru CH 2336; NVS6987/83) 44/84
	Add	Legends "APPROACHES TO MATARANI" "APPROACHES TO ILO"	16°48'46"S 72°07'30"W 17°49'30"S 71°22'30"W
		Designation "C" "D"	17°09'30"S 72°17'30"W 17°49'30"S 71°33'30"W
	Delete	(Plan A) Random marks in vicinity	17°00'28"S 72°07'13"W

(continued on next page)

			44/84
★22182	(Continued) Delete	Wreck (PA) marked by buoy, white	17°00′20″S 72°07′03″W
	Add	Wreck (PA) marked by buoy, white	17°00′12″S 72°06′58″W
		(Plan C)	
	Delete	Solid line (breakwater) between	16°59′37″S 72°06′22″W 16°59′46″S 72°06′34″W
	Relocate	Light close SE to	16°59′47″S 72°06′31″W
22182	5Ed. 8/25/84 LAST	NM 44/84	(NVS6987/83) 46/84
		(Plan A)	
	Delete	Wreck (PA) and buoy (See 44/84-22182)	17°00′12″S 72°06′58″W
	Add	Wreck (PA) marked by buoy, white (See 44/84-22182)	17°00′20″S 72°07′03″W
22182	5Ed. 8/25/84 LAST	NM 46/84	(10, 11/86 Callao) 9/87
		(Plan A)	
	Add	Position circle "Tide gauge"	17°00′03.2″S 72°06′32.5″W
		(Plans A & C)	
	Change	Light to Fl 2M	16°59′32.0″S 72°06′34.0″W
		(Plan B)	
	Delete	Stranded wreck	17°38′29.1″S 70°20′38.5″W
	Relocate	Buoy (mooring) close N to	17°38′14.2″S 70°20′50.9″W
	Add	Buoy, conical	17°38′16.0″S 70°20′53.5″W
22182	5Ed. 8/25/84 LAST	NM 9/87	(10(B para 15), 11(B para 14)86 Callao) 27/87
		(Plan B)	
	Delete	Stranded wreck	17°38′29.1″S 71°20′38.5″W
	Relocate	Buoy (mooring) close N to	17°38′14.2″S 71°20′50.9″W
	Add	Buoy, conical	17°38′16.0″S 71°20′53.5″W
22182	5Ed. 8/25/84 LAST	NM 27/87	(5(30)88 Callao) 44/88
		(Plans A & C)	
	Delete	Range line and legend "Lights in line 097°" in vicinity	16°59.7′S 72°06.6′W
	Add	Range line extending in 284° direction from rear light dashed for 300 meters, thence solid for 1,700 meters	16°59′44″S 72°06′12″W
		Legend "Lights in line 104°" along above range line	16°59′28″S 72°07′15″W
22182	5Ed. 8/25/84 LAST	NM 44/88	(9(52)88 Callao; Peru CH 2359) 22/89
		(Plan B)	
	Change	Characteristic of buoy to Fl R	17°39′15″S 71°21′33″W
	Add	Range lights, front FG rear FG	17°38′41″S 71°20′54″W 17°38′40″S 71°20′48″W
		Range line extending in 259° direction from above rear light dashed for 600 yards, thence solid for 800 yards	
		Legend "Lights in line 079°" along above range line	17°38′45″S 71°21′19″W
		(Plan D)	
	Add	Range lights, front FG rear FG	17°38′41″S 71°20′54″W 17°38′40″S 71°20′48″W
		Range line extending in 259° direction from above rear light dashed for 1100 yards, thence solid for 3500 yards	

(Continued on next page)

22182	(Continued)		
	Add	Legend "Lights in line 079°" along above range line	22/89
			17°38′54″S 71°22′36″W
★22183	2Ed. 9/15/84	NEW EDITION	(DMAHTC; Peru CH 2221) 46/84
	Delete	(And Plan B) Lights	
			15°20′47″S 75°09′31″W
			15°21′14″S 75°09′43″W
22183	2Ed. 9/15/84 LAST NM 46/84		
	Change	Light to FR 3M	(49(3623)86 Taunton) 8/87
			15°14′56″N 75°14′48″W
	Change	(Plan A) Light to FR 9m 3M	
			15°14′56″N 75°14′48″W
22183	2Ed. 9/15/84 LAST NM 8/87		
	Delete	(Plan A) Buoy (mooring)	(10/86 Callao) 9/87
			15°15′18.5″S 75°14′26.0″W
	Relocate	Buoy (mooring) close W to	15°15′10.0″S 75°14′46.5″W
	Add	Buoys (mooring)	15°15′07.2″S 75°14′36.0″W
			15°15′10.1″S 75°14′34.5″W
★22190	1Ed. 1/5/85	NEW CHART	(DMAHTC; BA LL) 14/85
	Change	Period of light to 25s	16°24.7′S 73°13.6′W
22190	1Ed. 1/5/85 LAST NM 14/85		
	Add	"Restricted Area" bound by purple composite line joining	(Peru CH 2300) 20/85
			17°15.0′S 72°18.8′W
			17°39.1′S 72°18.8′W
			17°39.1′S 72°43.8′W
			17°15.0′S 72°43.8′W
★22205	1Ed. 7/24/82	NEW CHART	(DMAHTC) 39/82
22205	1Ed. 7/24/82 LAST NM 39/82		
	Delete	Radiobeacon and airport symbols	(21(275)82 Valparaiso) 14/83
			20°14.0′S 70°08.2′W
	Add	R Bn (AERO)	20°34.0′S 70°10.9′W
22205	1Ed. 7/24/82 LAST NM 14/83		
	Change	Light to Fl(3) Y 30s 23m 14M	(10(131)83 Valparaiso) 42/83
			18°28.7′S 70°20.0′W
22205	1Ed. 7/24/82 LAST NM 42/83		
	Delete	Light	(1(3)84 Valparaiso) 17/84
			21°00.7′S 70°10.2′W
22205	1Ed. 7/24/82 LAST NM 17/84		
	Change	Legends to "VAR 3°28′E (1980) ANNUAL CHANGE 6′W" "VAR 2°39′E (1980) ANNUAL CHANGE 7′W"	(HNNM7687/86) 18/86
			22°00′S 71°39′W
			19°32′S 71°40′W
22205	1Ed. 7/24/82 LAST NM 18/86		
	Change	Light to Fl 12s 22m 11M	(8(90)86 Valparaiso) 31/86
			22°05.5′S 70°12.7′W
22205	1Ed. 7/24/82 LAST NM 31/86		
	Change	Light to Fl 20s 23m 13M	(9(61)88 Valparaiso) 37/88
			18°28.6′S 70°19.9′W
22205	1Ed. 7/24/82 LAST NM 37/88		
	Change	Light to Fl R 20s 20m 14M	(10(69)88 Valparaiso) 39/88
			18°28.1′S 70°19.6′W
22205	1Ed. 7/24/82 LAST NM 39/88		
	Add	Note "Note A A traffic separation scheme exists in this area. See larger scale charts for details."	(MCNM8113/88) 40/88
			18°36′S 72°50′W
		Legends "Note A"	18°28′S 70°25′W
			20°11′S 70°13′W
22205	1Ed. 7/24/82 LAST NM 40/88		
	Change	Light to Fl 12s 55m 13M	(14(105)88 Valparaiso) 46/88
			19°35.9′N 70°14.0′W
22205	1Ed. 7/24/82 LAST NM 46/88		
	Change	Light to Fl 10s 109m 15M	(15(120)88 Valparaiso) 49/88
			23°01.3′S 70°30.6′W

22205	1Ed. 7/24/82 LAST NM 49/88		(19(152)88 Valparaiso) 8/89
	Change	Characteristic of buoy to Fl(3+1) Y 20s	20°11.1′S 70°08.9′W
22205	1Ed. 7/24/82 LAST NM 8/89		(18(144)88 Valparaiso) 20/89
	Change	Light to Fl 12s 24m 15M	22°05.5′S 70°12.8′W
★22221	19Ed. 5/18/85	NEW EDITION	(DMAHTC) 30/85
22221	19Ed. 5/18/85 LAST NM 30/85	(Plan D)	(Chile CH 212) 31/85
	Delete	Legend "(Or)"	23°37′36″S 70°24′50″W
22221	19Ed. 5/18/85 LAST NM 31/85	(Plan B)	(18(207)85 Valparaiso) 7/86
	Add	Dangerous wreck (PA)	18°29′36″S 70°20′54″W
22221	19Ed. 5/18/85 LAST NM 7/86	(Plan B)	(5(46)86 Valparaiso) 22/86
	Add	Light Fl R 5s 7m 4M with visible sector 097°-184°	18°28′35″S 70°19′37″W
22221	19Ed. 5/18/85 LAST NM 22/86	(Plan E)	(8(90)86 Valparaiso) 31/86
	Change	Characteristic of light to Fl 12s	22°05′46″S 70°14′33″W
22221	19Ed. 5/18/85 LAST NM 31/86	(Plan A)	(11(120)86 Valparaiso) 38/86
	Add	Dangerous submerged rock	19°49′09″S 70°10′28″W
22221	19Ed. 5/18/85 LAST NM 38/86	(Plan E)	(15(188)86 Valparaiso) 42/86
	Delete	Light Line 4 of Index to pier note "4 Soquimich No. 2"	22°05′40″S 70°13′55″W 22°06′24″S 70°12′31″W
	Change	Legend "4" to "Ruins"	22°05′41″S 70°13′53″W
22221	19Ed. 5/18/85 LAST NM 42/86	(Plan B)	(1(1)87 Valparaiso) 21/87
	Change	Light to Fl R 2m 3M visible 097°-179° (See 22/86-22221)	18°28′35″S 70°19′37″W
22221	19Ed. 5/18/85 LAST NM 21/87	(Plan B)	(18(194), 16(174, 177)87 Valparaiso) 5/88
	Add	Depth 5 fathoms Wk	18°27′12″S 70°19′05″W
		Purple dashed line joining	18°27′12″S 70°19′06″W 18°27′42″S 70°20′18″W 18°27′16″S 70°20′27″W 18°26′41″S 70°19′10″W
		Pilot station symbol	18°27′10″S 70°19′50″W
		(Plan D)	
	Add	Purple dashed line joining	23°37′31″S 70°25′26″W 23°38′17″S 70°25′26″W 23°38′17″S 70°25′45″W 23°37′31″S 70°25′45″W
		Pilot station symbol	23°37′54″S 70°25′36″W
22221	19Ed. 5/18/85 LAST NM 5/88	(Plan A)	(20(214)87 Valparaiso) 8/88
	Add	Pilot station symbol	19°52′58″S 70°08′25″W
22221	19Ed. 5/18/85 LAST NM 8/88	(Plan B)	(9(61)88 Valparaiso; Chile CH 200; BA LL) 37/88
	Change	Light to Fl 20s 75ft 13M	18°28′35″S 70°19′52″W
		(Plan D)	
	Change	Visibility (range) of light to 11M	23°38′43″S 70°25′32″W
22221	19Ed. 5/18/85 LAST NM 37/88	(Plan B)	(10(69)88 Valparaiso) 39/88
	Change	Light to Fl R 20s 67ft 14M	18°27′54″S 70°19′33″W

22221 19Ed. 5/18/85 LAST NM 39/88

Add — Note in title block of chart "NOTE The Traffic Separation Scheme(s) on this chart is approved by the International Maritime Organization (IMO)." — (MCNM8113/88) 40/88

Add — (Plan B) Purple tint (traffic separation zone) 0.5 mile wide on centerline between — 18°27'32"S 70°20'59"W; 18°27'32"S 70°24'16"W

Purple dashed lines (outside limit of traffic lane) between — 18°26'48"S 70°20'59"W; 18°25'38"S 70°24'16"W

between — 18°28'18"S 70°20'59"W; 18°29'24"S 70°24'16"W

Open-outlined arrows indicating flow of traffic oriented 090° 270° — 18°28'10"S 70°23'00"W; 18°27'05"S 70°23'00"W

Note: The above new traffic separation scheme has been adopted by IMO and is effective on 15 October 1988.

Delete — (Plan D) Note — 23°37'13"S 70°24'00"W

22221 19Ed. 5/18/85 LAST NM 40/88

Change — (Plan D) Light to Fl G 5s 19ft 5M — (16(125)88 Valparaiso) 52/88; 23°38'42"S 70°25'23"W

22221 19Ed. 5/18/85 LAST NM 52/88

Change — (Plan E) Note to "INDEX TO PIERS 1. Minera de Tocopilla 2. Fiscal 3. Soquimich No.1 4. Plata Mecanizada de Embarque Soquimich 5. Soquimich No. 5 6. Cobre Chuquicamata 7. Petrolero Cobre Chuquicamata 8. Codelco" — (14(106)88 Valparaiso) 6/89; 22°06.5'S 70°12.5'W

Add — Chartlet, depicting changes in hydrography and topography, from back of Section I — 22°05.5'S 70°14.3'W

22221 19Ed. 5/18/85 LAST NM 6/89

Add — (Plan B) Submarine pipeline between — (21(169)88 Valparaiso) 9/89; 18°27'03"S 70°18'04"W; 18°26'44"S 70°19'14"W

"Anchoring and Fishing Prohibited" area bound by shore and purple composite line joining — 18°27'11"S 70°18'05"W; 18°26'49"S 70°19'25"W; 18°26'30"S 70°19'20"W; 18°26'51"S 70°18'04"W

22221 19Ed. 5/18/85 LAST NM 9/89

Change — (Plan E) Light to Fl 12s 79ft 15M (See 6/89-22221) — (18(144)88 Valparaiso) 20/89; 22°05'46"S 70°14'34"W

★**22225** 1Ed. 6/26/82 — NEW CHART — (DMAHTC) 34/82

22225 1Ed. 6/26/82 LAST NM 34/82

Delete — Light and R Bn — (14(187), 15(196)83 Valparaiso; BA LL; Chile LL) 46/83; 23°25.5'S 70°26.5'W

Add — Light Al Fl(2) WG 11s 19/13M (occas) Depth 16.3 meters — 23°26'43"S 70°26'21"W; 25°45'54"S 70°48'54"W

22225 1Ed. 6/26/82 LAST NM 46/83

Add — Wreck — (12(152)86 Valparaiso) 38/86; 26°19'30"S 70°47'00"W

22225	1Ed. 6/26/82 LAST NM 38/86 Change	Visibility (range) of lights to 14M 15M 11M 9M	(Chile CH 200; BA LL) 37/88 23°01.2'S 70°30.8'W 23°30.7'S 70°37.1'W 23°38.6'S 70°24.6'W 25°46.5'S 70°43.5'W
		Lights to Fl 12s 38m 15M Fl RG	27°02.8'S 70°51.7'W 23°40.1'S 70°24.6'W
	Add	Light 20s 32m 15M	26°17.8'S 70°40.0'W
22225	1Ed. 6/26/82 LAST NM 37/88 Relocate	Light (26°17.8'S 70°40.0'W) to and change characteristic to Fl 20s (See 37/88-22225)	(10(70)88 Valparaiso) 39/88 26°17.9'S 70°39.7'W
22225	1Ed. 6/26/82 LAST NM 39/88 Change	Light to Fl 10s 109m 15M (See 37/88-22225)	(15(120)88 Valparaiso) 49/88 23°01.2'S 70°30.8'W
22225	1Ed. 6/26/82 LAST NM 49/88 Change	Light to Fl 18s 33m 15M	(2(5)89 Valparaiso) 18/89 23°30.8'S 70°37.2'W
★22233	28Ed. 5/11/85	NEW EDITION	(DMAHTC) 29/85
22233	28Ed. 5/11/85 LAST NM 29/85 Add	Legend "See CAUTION A"	(HNNM7550/85) 37/85 20°13'45"S 70°10'43"W 20°10'42"S 70°10'46"W
		Caution note "CAUTION A Do not use the compass roses on this chart because of misalignment"	20°10'15"S 70°08'03"W
22233	28Ed. 5/11/85 LAST NM 37/85 Substitute	Depth 18 meters for 9.5 meters Rk	(12(129)85 Valparaiso) 7/86 20°11'57.5"S 70°09'12.9"W
22233	28Ed. 5/11/85 LAST NM 7/86 Delete	Depths 0.7 meter 0.7 meter	(19(204), 16(175)87 Valparaiso) 5/88 20°11'56"S 70°09'37"W 20°11'56"S 70°09'38"W
	Add	Purple dashed line joining	20°11'10"S 70°09'30"W 20°11'10"S 70°09'11"W 20°11'25"S 70°09'11"W 20°11'25"S 70°09'30"W
		Pilot station symbol	20°11'18"S 70°09'20"W
22233	28Ed. 5/11/85 LAST NM 5/88 Add	Purple tint (traffic separation zone) 0.4 mile wide on centerline between	(MCNM8113/88) 40/88 20°11'17"S 70°10'00"W 20°11'17"S 70°12'00"W
		Purple dashed lines (outside limit of traffic lane) between	20°10'44"S 70°10'00"W 20°10'05"S 70°12'00"W
		between	20°11'50"S 70°10'00"W 20°12'29"S 70°12'00"W
		Open-outlined arrows indicating flow of traffic oriented 090° 270° Note: The above new traffic separation scheme has been adopted by IMO and is effective on 15 October 1988.	20°11'36"S 70°11'30"W 20°11'00"S 70°11'30"W
		Note "NOTE The Traffic Separation Scheme(s) on this chart is approved by the International Maritime Organization (IMO)."	20°10'30"S 70°08'00"W
22233	28Ed. 5/11/85 LAST NM 40/88 Change	Characteristic of buoy to Fl(3+1) Y 20s	(19(152)88 Valparaiso) 8/89 20°10'42"S 70°08'51"W

SUBREGION 22

★22234	1Ed. 7/18/81	NEW CHART	(DMAHTC) 39/8
22234	1Ed. 7/18/81 LAST NM 39/81		
	Delete	(Plan B) Pier	(16(226)81 Valparaiso) 5/8
22234	1Ed. 7/18/81 LAST NM 5/82		
	Delete	Tank symbols	(14(185)83 Valparaiso) 48/8
	Add	Position circle "MON"	20°44'50.2"S 70°11'22.1"W 20°44'50.4"S 70°11'22.5"W 20°44'50.9"S 70°11'23.3"W
		Bns	20°44'30.9"S 70°11'06.2"W
			20°45'03.5"S 70°11'30.7"W 20°45'01.6"S 70°11'32.0"W 20°45'01.2"S 70°11'35.9"W 20°44'57.0"S 70°11'37.6"W
★22234	1Ed. 7/18/81 LAST NM 48/83		
	Change	DMA Stock No. to 22XHA22234 in lower right margin of chart Note: Applicable to certain copies of this chart only	(DMAHTC) 23/84
22234	1Ed. 7/18/81 LAST NM 23/84		
	Add	Purple dashed line joining	(20(215)87 Valparaiso) 8/88 20°44'18"S 70°11'56"W 20°44'20"S 70°11'43"W 20°44'38"S 70°11'46"W 20°44'36"S 70°11'59"W
		Pilot station symbol	20°44'28"S 70°11'51"W
★22250	1Ed. 7/24/82	NEW CHART	(DMAHTC) 39/82
22250	1Ed. 7/24/82 LAST NM 39/82		
	Change	Visibility (range) of light to 14M	(20(240)83 Valparaiso) 52/83 30°14.8'S 71°37.5'W
22250	1Ed. 7/24/82 LAST NM 52/83		
	Change	Period of light to 10s	(21(245)83 Valparaiso) 5/84 29°01.7'S 71°35.0'W
22250	1Ed. 7/24/82 LAST NM 5/84		
	Add	Anchorage symbol (large vessels)	(13(117)84 Valparaiso) 15/85 30°16.2'S 71°32.4'W
22250	1Ed. 7/24/82 LAST NM 15/85		
	Change	Light to Fl(2) 10s 40m 7M	(23(214)84 Valparaiso) 17/85 29°35.0'S 71°31.5'W
22250	1Ed. 7/24/82 LAST NM 17/85		
	Change	Light to Fl 15s 41m 18M	(22(255)86 Valparaiso) 10/87 28°27.9'S 71°15.1'W
22250	1Ed. 7/24/82 LAST NM 10/87		
	Change	Light to Fl(4) G 2M Height of light to 58m Visibility (range) of light to 12M	(6(69-71)87 Valparaiso) 26/87 28°27.5'S 71°13.9'W 29°01.5'S 71°35.0'W 29°35.0'S 71°31.5'W
22250	1Ed. 7/24/82 LAST NM 26/87		
	Delete	Light	(8(91)86 Valparaiso; Chile LL) 26/88 29°54.5'S 71°16.4'W
	Change	Light to Fl(3+1) 28s 23m 27M	29°56.0'S 71°21.6'W
22250	1Ed. 7/24/82 LAST NM 26/88		
	Change	Lights to Fl 20s 42m 18M Fl R 5s 20m 5M	(6(35), 7(42)88 Valparaiso; BA LL) 31/88 30°14.8'S 71°37.7'W 29°58.0'S 71°22.3'W
		Characteristic of light to Fl 13s	29°56.0'S 71°20.6'W
22250	1Ed. 7/24/82 LAST NM 31/88		
	Change	Light to Fl 13s 24m 15M R Bn SIREN (See 31/88-22250)	(8(51)88 Valparaiso) 33/88 29°56.0'S 71°20.6'W
22250	1Ed. 7/24/82 LAST NM 33/88		
	Change	Light to Fl 12s 38m 15M	(Chile CH 200; BA LL) 37/88 27°02.9'S 70°50.9'W
22250	1Ed. 7/24/82 LAST NM 37/88		
	Change	Light to Fl 18s 38m 6M	(14(108)88 Valparaiso) 46/88 29°26.9'S 71°18.5'W

★22251	10Ed. 9/10/77	NEW EDITION	(DMAHC) 45/77
	Add	(Plan Port of Mejillones) Legend "FR" to lights in	23°05'52"S 70°29'25"W 23°05'53"S 70°28'04"W
22251	10Ed. 9/10/77 LAST	NM 45/77	(22(304)80 Valparaiso) 7/81
	Change	Legend to "Height of tide at spring tide 1.60 meters"	23°03.7'S 70°20.4'W
22251	10Ed. 9/10/77 LAST	NM 7/81	(8(101)87 Valparaiso; Chile CH 133) 36/87
	Delete	Lights	23°05'58"S 70°28'40"W 23°05'59"S 70°28'45"W 23°05'51"S 70°29'28"W
	Add	Legend "Fl G 3s 14m 4M" to light	23°05'51"S 70°28'01"W
		(Plan) Distances and bearings from position circle "chy" in lower right quadrant of plan	
	Delete	Lights 900 meters 304° 950 meters 303° 2200 meters 289°	
	Change	Light (FR) to Fl G 3s 14m 4M 830 meters 036°	
22251	10Ed. 9/10/77 LAST	NM 36/87	(21(226)87 Valparaiso) 8/88
	Add	Purple dashed line joining	23°04'12"S 70°26'22"W 23°05'02"S 70°26'22"W 23°05'02"S 70°27'44"W 23°04'12"S 70°27'44"W
		Pilot station symbol	23°04'36"S 70°27'04"W
22251	10Ed. 9/10/77 LAST	NM 8/88	(Chile CH 200; BA LL) 37/88
	Change	Visibility (range) of light to 14M	23°01'27"S 70°31'45"W
22251	10Ed. 9/10/77 LAST	NM 37/88	(15(120)88 Valparaiso) 49/88
	Change	Light to Fl 10s 109m 15M	23°01'27"S 70°31'45"W
★22252	17Ed. 8/24/85	NEW EDITION	(DMAHTC) 45/85
22252	17Ed. 8/24/85 LAST	NM 45/85	(16(177)87 Valparaiso) 5/88
	Add	Purple dashed line joining	27°02'46"S 70°50'48"W 27°02'33"S 70°50'25"W 27°02'53"S 70°50'10"W 27°03'06"S 70°50'33"W
		Pilot station symbol	27°02'50"S 70°50'28"W
22252	17Ed. 8/24/85 LAST	NM 5/88	(4(26)88 Valparaiso) 23/88
	Add	Bns	27°04'21"S 70°51'57"W 27°04'44"S 70°52'17"W
22252	17Ed. 8/24/85 LAST	NM 23/88	(Chile CH 200; BA LL) 37/88
	Change	Light to Fl 12s 38m 15M	27°03'02"S 70°51'45"W
22252	17Ed. 8/24/85 LAST	NM 37/88	(11(76)88 Valparaiso) 42/88
	Add	Light Fl R 5s 15m 2M	27°04'45"S 70°52'15"W
22252	17Ed. 8/24/85 LAST	NM 42/88	(14(107)88 Valparaiso) 46/88
	Add	Light Fl(3) 9s 9m 3M	27°02'50"S 70°49'22"W
22252	17Ed. 8/24/85 LAST	NM 46/88	(22(178)88 Valparaiso) 9/89
	Change	Light to Fl G 3s 7m 5M	27°03'44"S 70°50'11"W
22252	17Ed. 8/24/85 LAST	NM 9/89	(Chile CH 311) 13/89
	Add	"Anchorage Prohibited" area bound by shore and purple dashed-line lesser arc of a circle, radius 1300 meters, centered	27°03'34"S 70°50'25"W
★22259	3Ed. 7/2/88	NEW EDITION	(DMAHTC) 36/88
★22261	2Ed. 8/30/75	NEW EDITION	(DMAHC) 41/75

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22261	2Ed. 8/30/75 LAST NM 41/75		(4(40)79 Valparaiso) 17/78
	Delete	(Plan Rada de Quintay) Light	33°11'35"S 71°43'09"W
★**22261**	2Ed. 8/30/75 LAST NM 17/79		(DMAHTC) 23/84
	Change	DMA Stock No. to 22XHA22261 Note: Applicable to certain copies of this chart only	
22261	2Ed. 8/30/75 LAST NM 23/84		(1(3, 4)87 Valparaiso) 21/87
	Add	(Plan F) Light Fl R 10s 85ft 4M. Fl(2) 10s 82ft 9M with visible sectors Fl 025°-335°, Fl(2) 125-128°	
----------			33°11'35"S 71°43'10"W
★**22262**	2Ed. 9/21/85	NEW EDITION	(DMAHTC; BA LL; BA CH 3072) 48/85
	Delete	Designation "2" from light	28°28'28"S 71°14'48"W
	Change	Lights to (undesignated) to FR "2", to FG "1", to 3 FR	28°28'21"S 71°14'52"W 28°27'55"S 71°15'56"W 28°28'13"S 71°15'45"W
	Add	Light (AERO) FR 41m 15M (PA)	28°28.7'S 71°15.6'W
22262	2Ed. 9/21/85 LAST NM 48/85		(22(255)86 Valparaiso) 10/87
	Change	Light to Fl 15s 41m 18M	28°27.92'S 71°15.95'W
22262	2Ed. 9/21/85 LAST NM 10/87		(6(6)9)87 Valparaiso) 26/87
	Change	Light to Fl(4) G 12s 8m 2M	28°27'32"S 71°14'18"W
22262	2Ed. 9/21/85 LAST NM 26/87		(20(218)87 Valparaiso) 8/88
	Add	Purple dashed line joining	28°26'59"S 71°14'34"W
			28°26'52"S 71°14'10"W
			28°27'13"S 71°14'02"W
			28°27'20"S 71°14'26"W
		Pilot station symbol	28°27'06"S 71°14'18"W
22262	2Ed. 9/21/85 LAST NM 8/88		(23(188)89 Valparaiso) 13/89
	Delete	Purple dashed-line area and pilot station symbol in vicinity	28°27.1'S 71°14.3'W
	Add	Dashed line joining	28°27'24"S 71°15'29"W
			28°27'24"S 71°15'05"W
			28°27'37"S 71°15'05"W
			28°27'37"S 71°15'29"W
----------		Pilot station symbol	28°27'30"S 71°15'17"W
★**22275**	2Ed. 10/4/86	NEW EDITION	(DMAHTC) 51/86
22275	2Ed. 10/4/86 LAST NM 51/86		(6(35), 7(42)88 Valparaiso; BA LL) 31/88
	Change	Lights to Fl 20s 42m 18M Fl R 5s 20m 5M	30°14.8'S 71°37.7'W 29°58.0'S 71°22.3'W
		Characteristic of light to Fl 13s	29°56.0'S 71°20.6'W
22275	2Ed. 10/4/86 LAST NM 31/88		(8(51)88 Valparaiso) 33/88
	Change	Light to Fl 13s 24m 15M R Bn SIREN (See 31/88-22275)	29°56.0'S 71°20.6'W

★**22281**	8Ed. 3/4/89	NEW EDITION	(DMAHTC) 20/89

★**22282**	16Ed. 9/22/84	NEW EDITION	(DMAHTC) 46/84
22282	16Ed. 9/22/84 LAST NM 46/84		(23(248)85 Valparaiso) 8/86
	Delete	Position circles "2 R Lts" "R TR (3 R Lts)"	29°57.6'S 71°21.4'W 29°57.9'S 71°21.3'W
	Add	Position circle "R TR (3 FR)"	29°57'39"S 71°20'07"W
22282	16Ed. 9/22/84 LAST NM 8/86		(Chile LL; 16(202)83 Valparaiso) 39/86
	Delete	Range line and legend "Lights in line 136°30" between	29°57'14"S 71°23'55"W 29°59'01"S 71°21'58"W

(continued on next page)

22282	(Continued) Change	Visibility (range) of range light, rear to 3M	39/86 29°59'01"S 71°21'58"W
	Add	Range line extending in 320° direction from above rear light dashed for 1000 yards, thence solid for 3800 yards	
		Legend "Lights in line 140°" Position circle "TV TR, FR Lt"	29°57'25"S 71°23'30"W 29°56'39"S 71°21'37"W
22282	16Ed. 9/22/84 LAST NM 39/86 Change	Visibility (range) of light to 27M	(Chile LL) 40/86 29°55'57"S 71°21'36"W
22282	16Ed. 9/22/84 LAST NM 40/86 Add	Purple dashed line joining	(17(188)87 Valparaiso) 5/88 29°55'18"S 71°20'12"W 29°55'46"S 71°20'12"W 29°55'46"S 71°20'48"W 29°55'18"S 71°20'48"W
		Pilot station symbol	29°55'33"S 71°20'30"W
22282	16Ed. 9/22/84 LAST NM 5/88 Change	Light to Fl(3) G 9s 29ft 3M	(20(219)87 Valparaiso) 8/88 29°57.8'S 71°22.9'W
22282	16Ed. 9/22/84 LAST NM 8/88 Delete	Light	(8(91)86 Valparaiso) 26/88 29°54'09"S 71°17'28"W
22282	16Ed. 9/22/84 LAST NM 26/88 Change	Light to Fl R 5s 65ft 5M Characteristic of light to Fl 13s	(7(42)88 Valparaiso; BA LL) 31/88 29°58'02"S 71°23'18"W 29°55'57"S 71°21'36"W
22282	16Ed. 9/22/84 LAST NM 31/88 Change	Visibility (range) of light to 15M (See 31/88-22282)	(8(51)88 Valparaiso) 33/88 29°55'57"S 71°21'36"W
*22290	3Ed. 7/12/86	NEW EDITION	(DMAHTC) 36/86
22290	3Ed. 7/12/86 LAST NM 36/86 Change	Characteristic of light to Fl(3)	(11(125)86 Valparaiso) 38/86 36°41.7'S 73°05.3'W
22290	3Ed. 7/12/86 LAST NM 38/86 Change	Light to Fl 10s 90M 24M Siren (PA) and obscured sector to 195°-228°	(14(180)86 Valparaiso) 39/86 36°36'25"S 73°02'42"W
22290	3Ed. 7/12/86 LAST NM 39/86 Add	Depths 50 meters 33 meters	(35(2550)86 Taunton) 42/86 36°34.5'S 73°06.9'W 36°36.0'S 73°06.7'W
22290	3Ed. 7/12/86 LAST NM 42/86 Change	Light to Fl 5s 49m 7M HORN and add obscured sector 186°-250°	(2(20)87 Valparaiso) 16/87 37°05'S 73°10'W
22290	3Ed. 7/12/86 LAST NM 16/87 Change	Light to Fl 10s 19m 13M HORN	(1(7)87 Valparaiso) 21/87 37°02'S 73°11'W
22290	3Ed. 7/12/86 LAST NM 21/87 Change	Light to Fl(3) 9s 8m 6M	(3(42)87 Valparaiso) 23/87 36°38.1'S 73°03.7'W
22290	3Ed. 7/12/86 LAST NM 23/87 Change	Period of light to 15s	(8(647)87 Taunton) 28/87 36°59.0'S 73°32.3'W
22290	3Ed. 7/12/86 LAST NM 28/87 Change	Light to Fl 15s 80m 9M	(8(103)87 Valparaiso) 36/87 36°34.5'S 72°59.9'W
22290	3Ed. 7/12/86 LAST NM 36/87 Change	Light to Fl RW 35m 11/3M	(11(129, 131)87 Valparaiso) 44/87 33°21'S 71°41'W
		Period of light to 12s	37°02'S 73°28'W
22290	3Ed. 7/12/86 LAST NM 44/87 Change	Light to Fl(3) 10s 11m 5M with intensified sectors 176°-192°, 205°-230°	(19(206)87 Valparaiso) 5/88 36°41.8'S 73°05.0'W
22290	3Ed. 7/12/86 LAST NM 5/88 Change	Lights to Fl 5s 118m 15M Fl 5s 57m 5M	(26, 7)88 Valparaiso) 17/88 34°08.0'S 72°01.0'W 37°08.8'S 73°34.9'W

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★22293	13Ed. 11/1/80	NEW EDITION	(DMAHTC) 4/81
22293	13Ed. 11/1/80 LAST NM 4/81		
	Change	(Plan) Height of light to 39ft and visibility (range) to 6M	(23(315)80 Valparaiso) 7/81 33°01.8'S 71°37.6'W
22293	13Ed. 11/1/80 LAST NM 7/81		
	Delete	Light (AERO)	(21(335)81 Valparaiso) 17/82 32°47'00"S 71°31'45"W
22293	13Ed. 11/1/80 LAST NM 17/82		
	Change	Light to 2 FR, FG	(3(28)82 Valparaiso) 19/82 32°45.3'S 71°29.9'W
22293	13Ed. 11/1/80 LAST NM 19/82		
	Change	(Plan) Characteristic of light to 4 FR	(18(232)82 Valparaiso) 46/82 33°01'11"S 71°38'30"W
22293	13Ed. 11/1/80 LAST NM 46/82		
	Change	Light to Fl R	(21(246), 22(255)83 Valparaiso) 5/84 33°01.5'S 71°37.8'W
	Change	(Plan) Light to Fl R 5sec 69ft 16M Visibility (range) of light to 9M	33°01'31"S 71°37'52"W 33°01'47"S 71°37'36"W
★22293	13Ed. 11/1/80 LAST NM 5/84		
	Change	DMA Stock No. to 22ACO22293 in lower right margin of chart Note: Applicable to certain copies of this chart only	(DMAHTC) 23/84
22293	13Ed. 11/1/80 LAST NM 23/84		
	Delete	Purple outline of chart 22292	(DMAHTC) 34/84 32°45.0'S 71°31.5'W
22293	13Ed. 11/1/80 LAST NM 34/84		
	Change	Light to 5 FR, FG	(12(101)84 Valparaiso) 35/84 32°45.3'S 71°29.9'W
22293	13Ed. 11/1/80 LAST NM 35/84		
	Add	Stranded wreck	(Chile CH 501) 10/85 32°41'57"S 71°32'15"W
22293	13Ed. 11/1/80 LAST NM 10/85		
	Add	Light Fl(2) 5M	(20(186)84 Valparaiso) 16/85 32°46.8'S 71°31.5'W
22293	13Ed. 11/1/80 LAST NM 16/85		
	Add	(Plan) Dangerous wreck	(24(229)84 Valparaiso) 17/85 33°01'35"S 71°37'51"W
22293	13Ed. 11/1/80 LAST NM 17/85		
	Delete	(Plan) Position circles "R MAST" "R MAST" "R Lts"	(23(249)85 Valparaiso) 8/86 32°59.78'S 71°33.07'W 32°59.88'S 71°33.07'W 32°59.83'S 71°33.07'W
22293	13Ed. 11/1/80 LAST NM 8/86		
	Add	(Plan) Rock awash (PA)	(7(71)86 Valparaiso) 26/86 32°54.8'S 71°32.2'W
22293	13Ed. 11/1/80 LAST NM 26/86		
	Change	Visibility (range) of light to 16M	(11(121, 122)86 Valparaiso BA LL) 38/86 33°34.3'S 71°38.3'W
	Add	(Plan) Dangerous wreck (PA) Wreck (PA)	33°01'15"S 71°38'08"W 33°01'17"S 71°37'45"W
22293	13Ed. 11/1/80 LAST NM 38/86		
	Change	Characteristic of light to Fl R	(13(167)86 Valparaiso) 6/87 33°01.8'S 71°37.4'W
	Change	(Plan) Light to Fl R 3s 39ft 12M	33°01.8'S 71°37.6'W
22293	13Ed. 11/1/80 LAST NM 6/87		
	Change	Light to Fl WR 13/11M	(24(283-285)86 Valparaiso) 10/87 33°21.4'S 71°41.7'W
	Add	(Plan) Wreck	33°02'13"S 71°37'21"W

22293	13Ed. 11/1/80 LAST NM 10/87		(6(37, 38)88 Valparaiso) 31/88
		(Plan)	
	Add	Light Fl 8s 39ft 10M	33°01'26"S 71°35'33"W
		Position circle "R Tr (2 FR)"	33°01'07"S 71°38'52"W
★22294	13Ed. 9/4/82	NEW EDITION	(DMAHTC) 46/82
22294	13Ed. 9/4/82 LAST NM 46/82		(DMAHTC) 16/84
	Change	DMA Stock No. to 22BHA22294 in lower left corner of chart	
		Note: Applicable to certain copies of this chart only	
22294	13Ed. 9/4/82 LAST NM 16/84		(14(129)84 Valparaiso) 38/84
	Delete	Legend "(under construction)"	33°34'42"S 71°36'58"W
	Substitute	Solid line for dashed line in vicinity (Note: construction completed)	33°34'43"S 71°37'03"W
22294	13Ed. 9/4/82 LAST NM 38/84		(11(124)86 Valparaiso; BA LL) 38/86
	Change	Light to Fl(2) G 10s 14m 5M	33°34'44"S 71°37'12"W
		Characteristic of light to Fl(3) R 6s	33°34'57"S 71°37'20"W
		Visibility (range) of light to 16M	33°34'17"S 71°37'26"W
★22295	2Ed. 8/30/75	NEW EDITION	(DMAHC) 41/75
22295	2Ed. 8/30/75 LAST NM 41/75		(Chile CH 501) 11/77
		(Plan A)	
	Change	Visibility (range) of light to 10, 6M	33°21'22"S 71°41'49"W
22295	2Ed. 8/30/75 LAST NM 11/77		(Chile CH61) 13/83
		(Plan E)	
	Delete	Anchorage symbols	33°57'37"S 71°54'22"W
			33°57'33"S 71°54'37"W
	Add	Anchorage symbol (small vessels)	33°57'37"S 71°54'32"W
22295	2Ed. 8/30/75 LAST NM 13/83		(11(123)86 Valparaiso) 38/86
		(Plan A)	
	Add	Lights, Fl(3) R 9s 19ft 6M with obscured sector 309°-129°	33°21'26"S 71°41'40"W
		Fl 8s 56ft 13M with obscured sector 206°-186°	33°21'32"S 71°41'41"W
22295	2Ed. 8/30/75 LAST NM 38/86		(24(284, 285)86 Valparaiso, Chile LL) 10/87
		(Plan A)	
	Change	Light to Fl R 10s 35m 11M, Fl W 5s 34m 13M and sector to white 143°-163°	33°21'21"S 71°41'49"W
22295	2Ed. 8/30/75 LAST NM 10/87		(11(129)87 Valparaiso) 44/87
		(Plan A)	
	Change	Light to Fl R 10s 35m 11M, Fl 5s 34m 3M and sectors to red 163°-150°, white-163°	33°21'21"S 71°41'49"W
22295	2Ed. 8/30/75 LAST NM 44/87		(2(6)88 Valparaiso) 17/88
		(Plan C)	
	Change	Height of light to 387ft and add light flare symbol	34°07'58"S 72°01'00"W
★22305	1Ed. 6/19/82	NEW CHART	(DMAHTC) 38/82
22305	1Ed. 6/19/82 LAST NM 38/82		(1(4)83 Valparaiso) 12/83
	Add	Wreck	36°54'S 73°20'W
22305	1Ed. 6/19/82 LAST NM 12/83		(10(133)83 Valparaiso) 42/83
	Add	Wreck	36°44'S 73°31'W
22305	1Ed. 6/19/82 LAST NM 42/83		(17(208)83 Valparaiso) 46/83
	Add	Wreck	36°42.5'S 73°28.0'W
22305	1Ed. 6/19/82 LAST NM 46/83		(19(225)83 Valparaiso) 50/83
	Add	Wreck	36°40.1'S 73°33.0'W

22305	1Ed. 6/19/82 LAST NM 50/83		(6(44)84 Valparaiso) 34/84
	Change	Light to Fl 10s 51m 15M	40°00.0'S 73°42.0'W
22305	1Ed. 6/19/82 LAST NM 34/84		(9(90)85 Valparaiso) 29/85
	Delete	Legend "RT" from light	36°36.8'S 73°07.4'W
		R Bn (AERO)	36°47.3'S 73°05.6'W
22305	1Ed. 6/19/82 LAST NM 29/85		(11(121)85 Valparaiso) 38/85
	Change	Light to Fl 5s 50m 11M	39°52.0'S 73°24.0'W
22305	1Ed. 6/19/82 LAST NM 38/85		(14(180)86 Valparaiso) 39/86
	Change	Light to Fl 10s 90m 24M Fog Sig (PA) and obscured sector to 195°-228°	36°36.4'S 73°02.7'W
22305	1Ed. 6/19/82 LAST NM 39/86		(35(2550)86 Taunton) 42/86
	Add	Depths 50 meters	36°34.5'S 73°06.8'W
		33 meters	36°36.0'S 73°06.5'W
22305	1Ed. 6/19/82 LAST NM 42/86		(22(261)86 Valparaiso) 10/87
	Change	Visibility (range) of light to 4M	39°22.9'S 73°14.1'W
22305	1Ed. 6/19/82 LAST NM 10/87		(1(83)87 Taunton) 11/87
	Add	Depth 47 meters	39°47.1'S 73°51.0'W
22305	1Ed. 6/19/82 LAST NM 11/87		(2(20)87 Valparaiso) 16/87
	Change	Light to Fl 7M and add obscured sector 186°-250°	37°05'S 73°10'W
22305	1Ed. 6/19/82 LAST NM 16/87		(1(7)87 Valparaiso) 21/87
	Change	Light to Fl 10s 19m 13M Fog Sig	37°02'S 73°11'W
22305	1Ed. 6/19/82 LAST NM 21/87		(3(45), 4(55)87 Valparaiso) 23/87
	Delete	Anchorage symbol	37°09.4'S 73°32.9'W
	Change	Light to Fl 15s 73m 18M	36°59'S 73°32'W
		Note: Obscured sector unchanged	
22305	1Ed. 6/19/82 LAST NM 23/87		(Chile LL. 8(103)87 Valparaiso) 36/87
	Change	Lights to Fl 15s 80m 9M	38°34.7'S 72°59.8'W
		Fl 12s 33m 15M	38°25.0'S 73°53.5'W
		Note: Existing sectors unchanged	
22305	1Ed. 6/19/82 LAST NM 36/87		(12(140)87 Valparaiso) 43/87
	Change	Height of light to 47m	40°00'S 73°42'W
22305	1Ed. 6/19/82 LAST NM 43/87		(11(131, 132)87 Valparaiso) 44/87
	Change	Visibility (range) of light to 7M	37°02.0'S 73°28.0'W
		Light to Fl 10s 30m 8M	37°43.5'S 73°39.0'W
		Note: Obscured sector unchanged	
22305	1Ed. 6/19/82 LAST NM 44/87		(8(103)87 Valparaiso) 46/87
	Change	Light to Fl 15s 80m 9M	36°34.7'S 72°59.8'W
		Note: Existing sector unchanged (See 36/87-22305)	
22305	1Ed. 6/19/82 LAST NM 46/87		(19(206)87 Valparaiso) 5/88
	Add	Light Fl(3) 10s 11m 5M with intensified sectors 176°-192°, 205°-230°	36°41.7'S 73°05.0'W
22305	1Ed. 6/19/82 LAST NM 5/88		(1(86)88 Taunton; 23(252)87 Valparaiso) 13/88
	Delete	R Bn (AERO)	39°43.0'S 73°04.8'W
	Change	Light to Fl 5s 67m 12M	38°20.0'S 73°56.5'W
22305	1Ed. 6/19/82 LAST NM 13/88		(2(7)88 Valparaiso) 17/88
	Change	Light to Fl 5s 57m 5M	37°08.8'S 73°34.9'W
★**22311**	18Ed. 7/16/88	NEW EDITION	(DMAHTC) 38/88
22311	18Ed. 7/16/88 LAST NM 38/88		(21(171)88 Valparaiso) 9/89
	Delete	(Plan Port of Talcahuano) Bn	36°42'24"S 73°06'24"W
22311	18Ed. 7/16/88 LAST NM 9/89		(2(6, 7)89 Valparaiso) 18/89
	Delete	(Plan Port of Talcahuano) Dangerous wreck	36°41'32"S 73°06'10"W

(continued on next page)

22311	(Continued)		18/89
	Delete	Depth 3.3 meters and enclosing depth contour (5-meter)	36°41'31"S 73°06'10"W
		Buoy	36°41'33"S 73°04'38"W
	Change	Buoy to G, cylindrical, can topmark	36°41'30"S 73°05'03"W
		Buoy to BYB, spherical, double cone topmark bases together	36°41'58"S 73°06'26"W
	Add	Buoy RGR, conical, cone topmark	36°41'19"S 73°04'51"W
22311	18Ed. 7/16/88 LAST NM 18/89		(MCNM8186/88) 21/89
	Add	Chartlets, depicting changes in latitude graduations, from back of Section I	
		(A)	36°42.5'S 73°07.2'W
		(B)	36°42.5'S 73°01.9'W
		(C)	36°42.5'S 73°04.0'W
		(D)	36°42.5'S 72°58.0'W
*22312	2Ed. 9/3/77	NEW EDITION	(DMAHC) 43/77
22312	2Ed. 9/3/77 LAST NM 43/77		
	Add	Wreck (PA)	(6(66)81 Valparaiso) 21/81 36°48.3'S 73°27.5'W
22312	2Ed. 9/3/77 LAST NM 21/81		
	Change	Light to Fl 6sec 33ft 9M	(18(281)81 Valparaiso) 12/82 37°02'08"S 73°28'18"W
22312	2Ed. 9/3/77 LAST NM 12/82		
	Add	Wreck	(1(4)83 Valparaiso, Chile CH 604) 12/83 36°53.6'S 73°19.6'W
		(Plan D)	
	Add	Stranded wreck (PA)	37°06'53"S 73°09'24"W
22312	2Ed. 9/3/77 LAST NM 12/83		(2(20, 21)87 Valparaiso) 16/87
		(And Plan A)	
	Change	Light to Fl 5s 161ft 7M and obscured sector to 186°-250°	37°05'28"S 73°10'01"W
		(And Plan B)	
	Add	Double solid line (breakwater extension) between	37°01'24"S 73°09'54"W 37°01'29"S 73°09'50"W
		(Plan B)	
	Delete	Range lights, range line and legend "Lts in line 340°" in vicinity	37°01'26"S 73°09'54"W
		Legend "mooring buoys"	37°01'24"S 73°09'50"W
	Add	Legend "mooring buoys"	37°01'56"S 73°09'48"W
22312	2Ed. 9/3/77 LAST NM 16/87		(1(7)87 Valparaiso) 21/87
		(And Plan B)	
	Change	Light to Fl 10s 61ft 13M HORN	37°01'31"S 73°10'26"W
22312	2Ed. 9/3/77 LAST NM 21/87		(3(45), 4(55) Valparaiso) 23/87
	Change	Period of light to 15s	36°58.9'N 73°31.9'W
		(And Plan E)	
	Delete	Anchorage symbols	37°10'07"S 73°32'57"W 37°10'30"S 73°32'44"W
22312	2Ed. 9/3/77 LAST NM 23/87		(6(78)87 Valparaiso) 26/87
		(Plan B)	
	Delete	Anchorage symbol	37°03'32"S 73°09'17"W
22312	2Ed. 9/3/77 LAST NM 26/87		(2(21)87 Valparaiso) 28/87
		(Plan B)	
	Delete	Range lights, range line and legend "Lts in line 300°" in vicinity	37°01'20"S 73°10'18"W
22312	2Ed. 9/3/77 LAST NM 28/87		(11(131)87 Valparaiso) 44/87
	Change	Light to Fl 12s 33ft 7M	37°02.1'S 73°28.3'W

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22312	2Ed. 9/3/77 LAST NM 44/87		(18(196)87 Valparaiso) 5/88
	Add	Pilot station symbols	37°01.8'S 73°09.7'W
			37°05.7'S 73°09.7'W
		(Plan A)	
	Add	Purple dashed line joining	37°05'37"S 73°09'43"W
			37°05'48"S 73°09'37"W
			37°05'53"S 73°09'49"W
			37°05'42"S 73°09'55"W
		Pilot station symbol	37°05'45"S 73°09'45"W
		(Plan B)	
	Add	Purple dashed line joining	37°01'43"S 37°09'30"W
			37°01'56"S 37°09'04"W
			37°02'13"S 37°09'14"W
			37°01'56"S 37°09'41"W
		Pilot station symbol	37°01'55"S 37°09'25"W
22312	2Ed. 9/3/77 LAST NM 5/88		(2(7)88 Valparaiso) 17/88
	Change	Light to Fl 5s 187ft 5M	37°08'48"S 73°34'54"W
22312	2Ed. 9/3/77 LAST NM 17/88		(5(22)89 Valparaiso) 22/89
		(Plan A)	
	Add	Legend "See CAUTION"	37°05'27"S 73°09'53"W
		Caution note "CAUTION Coastline reported to extend to the South."	37°05'13"S 73°09'37"W
★**22313**	1Ed. 7/9/88	NEW CHART	(DMAHTC, 9(63)88 Valparaiso) 38/88
	Add	Wreck (PA)	36°43'42"S 73°13'03"W
22313	1Ed. 7/9/88 LAST NM 38/88		(Chile LL) 50/88
	Add	Legend "Fl G 3s 8m 3M" to light	36°42'12"S 72°58'52"W
22313	1Ed. 7/9/88 LAST NM 50/88		(21(171)88 Valparaiso) 9/89
	Delete	Bn	36°42'24"S 73°06'24"W
22313	1Ed. 7/9/88 LAST NM 9/89		(2(6)89 Valparaiso) 18/89
	Delete	Buoy	36°41'33"S 73°04'38"W
	Change	Buoy to G, cylindrical, can topmark	36°41'30"S 73°05'03"W
		Buoy to BYB, spherical, double cone topmark bases together	36°41'58"S 73°06'26"W
	Add	Buoy RGR, conical, cone topmark	36°41'19"S 73°04'51"W
★**22314**	1Ed. 9/10/88	NEW CHART	(DMAHTC) 46/88
★**22322**	11Ed. 10/8/77	NEW EDITION	(DMAHC) 51/77
22322	11Ed. 10/8/77 LAST NM 51/77		(22(261)87 Valparaiso) 10/87
		(Plan C)	
	Change	Visibility (range) of light to 4M	39°22.9'S 73°13.5'W
22322	11Ed. 10/8/77 LAST NM 10/87		(Chile LL) 36/87
	Change	Light to Fl 12s 33m 15M	38°24'42"S 73°53'30"W
		Note: Obscured sector unchanged	
22322	11Ed. 10/8/77 LAST NM 36/87		(23(252)87 Valparaiso) 13/88
	Change	Light to Fl 5s 67m 12M	38°19.7'S 73°57.0'W
★**22335**	3Ed. 2/20/88	NEW EDITION	(DMAHTC) 17/88
22335	3Ed. 2/20/88 LAST NM 17/88		(20(162)88 Valparaiso) 9/89
	Substitute	Depth 12 meters for 15 meters	42°40.2'S 73°10.9'W
★**22341**	7Ed. 6/2/84	NEW EDITION	(DMAHTC) 29/84
22341	7Ed. 6/2/84 LAST NM 29/84		(12(103)84 Valparaiso) 35/84
	Change	Light to Fl 5s 249ft 11M	42°06.5'S 73°23.8'W

22341	7Ed. 6/2/84 LAST NM 35/84		
	Delete	NAUTO from light	(14(131)84 Valparaiso) 38/84 41°46.2'S 73°35.0'W
22341	7Ed. 6/2/84 LAST NM 38/84		
	Delete	Depth 7 fathoms	(19(176), 17(156)84 Valparaiso) 16/85 41°45'40"S 73°43'10"W
	Change	Characteristic of light to Fl 5s	42°18.2'S 72°50.4'W
	Add	Depth contour (5-fathoms) joining	41°45'45"S 73°43'40"W 41°45'53"S 73°43'10"W 41°45'35"S 73°42'50"W
		Depths 7½ fathoms 4½ fathoms	41°46'10"S 73°43'30"W 41°46'20"S 73°43'00"W
22341	7Ed. 6/2/84 LAST NM 16/85		
	Change	Lights to Fl 5s 46ft 10M Fl 5s 240ft 10M	(24(230, 231)84, 3(27)85 Valparaiso) 17/85 41°52.6'S 72°56.8'W 41°54.8'S 73°09.1'W
	Add	Light Fl(2+1) R 14s 26ft 4M (PA)	41°47'55"S 73°31'55"W
22341	7Ed. 6/2/84 LAST NM 17/85		
	Add	Racons at lights	(7(66), 8(76, 78, 79)85 Valparaiso) 33/85 41°47'05"S 73°53'20"W 41°47'55"S 73°31'55"W
		(See 17/85-22341)	
		Lights Fl R 5s 23ft 4M (PA) Fl G 5s 20ft 4M (PA)	42°15'50"S 73°18'35"W 42°16'10"S 73°20'25"W
22341	7Ed. 6/2/84 LAST NM 33/85		
	Delete	Position circle "Tr"	(8(77)85 Valparaiso) 37/85 41°28.4'S 72°55.4'W
22341	7Ed. 6/2/84 LAST NM 37/85		
	Delete	Light Ra Ref from buoy	(HNNM7550/85) 7/86 42°11.0'S 73°23.7'W 42°11.7'S 73°24.2'W
	Change	Characteristic of light to Fl 10s and visibility (range) to 21M	41°47.1'S 73°53.3'W
	Add	Light Fl(2) 10s 3M, Ra Ref (PA)	41°57'45"N 73°07'15"W
22341	7Ed. 6/2/84 LAST NM 7/86		
	Delete	Buoy	(2(12)86 Valparaiso) 15/86 41°57.7'S 73°08.2'W
22341	7Ed. 6/2/84 LAST NM 15/86		
	Delete	Anchoring and fishing prohibited area centered	(8(92)86 Valparaiso) 31/86 41°47'14"S 73°34'20"W
	Add	"Anchoring and Fishing Prohibited" area bound by shore and purple dashed lines between	41°45'00"S 73°41'35"W 41°48'36"S 73°41'35"W
		between	41°45'36"S 73°39'04"W 41°48'14"S 73°39'04"W
		Legend "See Caution"	41°47'35"S 73°40'00"W
		Note "CAUTION High tension submarine cables exist in this area"	41°51'00"S 73°40'00"W
2341	7Ed. 6/2/84 LAST NM 31/86		
	Change	Lights to Fl 5s 197ft 12M Fl G 3s 26ft 3M Characteristic of light to Fl G 3s	(11(126, 127), 12(153)86 Valparaiso) 38/86 41°48'00"S 73°33'00"W 41°49'57"S 73°31'30"W 41°47'49"S 73°28'00"W
2341	7Ed. 6/2/84 LAST NM 38/86		
	Add	Light Fl G 3s 19ft 3M Ra Ref with obscured sector 056°-005°	(14(181)86 Valparaiso) 39/86 41°47'57"S 73°28'58"W
2341	7Ed. 6/2/84 LAST NM 39/86		
	Change	Height of light to 33ft	(11(133)87 Valparaiso) 44/87 41°42.1'S 72°53.8'W
2342	6Ed. 4/5/86	NEW EDITION	(DMAHTC) 28/86

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22342	6Ed. 4/5/86 LAST NM 28/86		(8(92)86 Valparaiso) 31/86
	Delete	Anchoring and fishing prohibited area and submarine cables centered	41°47'06"N 73°34'18"W
	Add	"Anchoring and Fishing Prohibited" area bound by shore and purple dashed lines between	41°45'00"S 73°51'35"W 41°48'36"S 73°41'35"W
		between	41°45'36"S 73°39'04"W 41°48'12"S 73°39'04"W
		Legend "See Caution"	41°47'35"S 73°40'00"W
		Note "CAUTION High tension submarine cables exist in this area."	41°51'00"S 73°40'00"W
22342	6Ed. 4/5/86 LAST NM 31/86		(8(92)86 Valparaiso) 36/86
	Delete	Purple dashed line between	41°45'00"S 73°51'35"W 41°48'36"S 73°41'35"W
		(See 31/86-22342)	
	Add	Purple dashed line between	41°45'00"S 73°41'35"W 41°48'36"S 73°41'35"W
22342	6Ed. 4/5/86 LAST NM 36/86		(11(126, 127), 12(153)86 Valparaiso) 38/86
	Change	Light to Fl 5s 197ft 12M Characteristic of lights to Fl G 3s	41°48'00"S 73°32'57"W 41°47'49"S 73°28'04"W 41°49'53"S 73°31'25"W
22342	6Ed. 4/5/86 LAST NM 38/86		(14(181)86 Valparaiso) 39/86
	Add	Light Fl G 3s 19ft 3M Ra Ref with obscured sector 056°-005°	41°47'57"S 73°28'58"W
22342	6Ed. 4/5/86 LAST NM 39/86		(23(253)87 Valparaiso) 13/88
	Change	Legend to "Pilot Waiting Area"	41°48'50"S 73°50'40"W
22342	6Ed. 4/5/86 LAST NM 13/88		(23(253)87 Valparaiso) 20/88
	Change	Legend to "Pilot Transfer Area" (Cancels 13/88-22342)	41°48'50"S 73°50'40"W
★**22345**	10Ed. 9/8/84	NEW EDITION	(DMAHTC) 46/84
22345	10Ed. 9/8/84 LAST NM 46/84		(8(77)85 Valparaiso) 37/85
	Delete	Position circle "Tr"	41°28'21"S 72°55'21"W
22345	10Ed. 9/8/84 LAST NM 37/85		(3(23, 24)86 Valparaiso) 20/86
		(Plan A)	
	Delete	Dashed line with legend "OVHD CABLES (6) CL 131 FT" between	41°29'14"S 72°58'27"W 41°29'26"S 72°58'20"W
	Add	Stranded wreck	41°29'37"S 72°58'24"W
22345	10Ed. 9/8/84 LAST NM 20/86		(7(86)86 Valparaiso) 27/86
		(Plan D)	
	Substitute	Racon for R Bn at light	43°33'40"S 74°49'30"W
22345	10Ed. 9/8/84 LAST NM 27/86		(16(179)87 Valparaiso) 5/88
		(Plan A)	
	Add	Purple dashed line joining	41°29'03"S 73°56'25"W 41°29'24"S 73°56'25"W 41°29'24"S 73°56'57"W 41°29'03"S 73°56'57"W
		Pilot station symbol	41°29'14"S 73°56'40"W
★**22352**	4Ed. 4/13/85	NEW EDITION	(DMAHTC; BA LL) 23/85
	Change	Lights to Fl(3) 9s 105ft 7M Fl 5s 98ft 9M (Previously published 16/85)	43°00.8'S 73°20.4'W 42°18.2'S 72°50.3'W

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★22352	(Continued)		23/85
	Change	Lights to Fl(2) 6s 30ft 6M Fl 5s 7M Fl(2) 6s 29ft 5M (Previously published 17/85)	42°46'15"S 72°51'30"W 42°39'36"S 73°14'48"W 43°10'36"S 73°30'36"W
	Add	Light Fl(2) 15s 30ft 5M	42°11.1'S 73°23.7'W
22352	4Ed. 4/13/85 LAST NM 23/85		(6(56)85 Valparaiso) 25/85
	Change	Light to Fl(3) G 10s 26ft 3M	42°37.6'S 73°18.5'W
22352	4Ed. 4/13/85 LAST NM 25/85		(8(78, 79)85 Valparaiso) 33/85
	Add	Lights Fl R 5s 23ft 4M (PA) Fl G 5s 20ft 4M (PA)	42°15'50"S 73°18'35"W 42°16'10"S 73°20'25"W
22352	4Ed. 4/13/85 LAST NM 33/85		(HNNM7550/85) 7/86
	Delete	Lights	42°11.2'S 73°23.7'W 43°08.5'S 73°30.3'W
		Ra Ref from buoy	43°08.7'S 73°30.3'W 42°11.7'S 73°24.3'W
	Change	Period of light to 14 sec	42°37.2'S 73°30.7'W
	Add	Bns	43°08.5'S 73°30.3'W
		Light Fl(3) 9s 26ft 5M	43°08.7'S 73°30.3'W 43°12.4'S 73°35.8'W
22352	4Ed. 4/13/85 LAST NM 7/86		(1(5)86 Valparaiso) 12/86
	Change	Characteristic of buoy to Fl(4) G 12s	42°46.4'S 73°28.2'W
22352	4Ed. 4/13/85 LAST NM 12/86		(12(154)86 Valparaiso) 38/86
	Change	Light to Fl(3) 10s 26ft 5M	42°37.6'S 73°18.5'W
22352	4Ed. 4/13/85 LAST NM 38/86		(23(254)87 Valparaiso) 13/88
	Change	Legends to "Pilot Transfer Zone"	43°20'S 73°37'W 43°16'S 73°39'W
22352	4Ed. 4/13/85 LAST NM 13/88		(19(155)88 Valparaiso) 8/89
	Change	Height of light to 10ft	42°54.3'S 73°29.6'W
22352	4Ed. 4/13/85 LAST NM 8/89		(20(162)88 Valparaiso) 9/89
	Substitute	Depth 6½ fathoms for 8 fathoms	42°40.5'S 73°11.6'W
22352	4Ed. 4/13/85 LAST NM 9/89		(23(190)88 Valparaiso) 12/89
	Change	Light to Fl 10s 121ft 7M	42°30.7'S 72°49.2'W
★22370	1Ed. 7/10/82	NEW CHART	(DMAHTC) 38/82
	Add	Caution No. 4 to cautions note "4. Due to the scale of this chart the inner passages are not maintained by Notice to Mariners for dangers to navigation."	46°35'S 72°59'W
22370	1Ed. 7/10/82 LAST NM 38/82		(U.S. CH. 22335) 40/82
	Add	Chartlet, depicting changes in hydrography, from back of Section I	43°31.5'S 75°12.2'W
22370	1Ed. 7/10/82 LAST NM 40/82		(16(187)82 Valparaiso) 45/82
	Change	Elevation "21" to "218"	44°48.9'S 75°09.4'W
22370	1Ed. 7/10/82 LAST NM 45/82		(Chile CH 801) 4/83
	Add	Rock which does not cover	45°00.5'S 74°27.1'W
22370	1Ed. 7/10/82 LAST NM 4/83		(12(159)83 Valparaiso) 42/83
	Change	Light to Fl(4) 12s 5M	44°23.2'S 72°36.9'W
22370	1Ed. 7/10/82 LAST NM 42/83		(20(233)83 Valparaiso) 52/83
	Delete	Depth 9¼ meters	45°47.2'S 74°45.1'W
	Add	Dangerous submerged rock Depth 3 meters	45°47.0'S 75°01.1'W 45°51.8'S 74°58.4'W
22370	1Ed. 7/10/82 LAST NM 52/83		(24(281)83 Valparaiso) 17/84
	Substitute	Depths 3375 meters for 375 meters 3380 meters for 375 meters	46°46.0'S 75°51.7'W 46°53.8'S 75°51.7'W
22370	1Ed. 7/10/82 LAST NM 17/84		(17(158), 21(201)84 Valparaiso) 16/85
	Change	Characteristic of light to Fl 12s Visibility (range) of light to 5M	45°48.2'S 74°59.1'W 43°54.0'S 73°45.0'W

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22370	1Ed. 7/10/82 LAST NM 16/85		(1(4)85 Valparaiso) 17/85
	Change	Light to Fl(2) 6s 10M	43°58.8'S 73°27.5'W
22370	1Ed. 7/10/82 LAST NM 17/85		(6(57)85 Valparaiso) 25/85
	Change	Light to Fl 15s 70m 12M	45°20.2'S 74°34.6'W
22370	1Ed. 7/10/82 LAST NM 25/85		(9(94)85 Valparaiso) 33/85
	Add	Chartlet, depicting changes in topography and hydrography, from back of Section I	44°52'S 75°06'W
22370	1Ed. 7/10/82 LAST NM 33/85		(16(183)85 Valparaiso) 7/86
	Add	Light Fl(3) 9s 5M	43°12.4'S 73°35.8'W
★**22370**	1Ed. 7/10/82 LAST NM 7/86		(HNNM7734/86) 15/86
	Add	Depth 335 meters (PA)	43°15.6'S 75°14.5'W
22370	1Ed. 7/10/82 LAST NM 15/86		(7(86)86 Valparaiso: Chile LL) 27/86
	Change	Light to Fl 10s 144m 18M Racon	43°33.5'S 74°50.0'W
22370	1Ed. 7/10/82 LAST NM 27/86		(20(233), 21(243)86 Valparaiso) 6/87
	Delete	Light	43°52.3'S 73°44.5'W
	Relocate	Light close SE to	43°45'12"S 72°56'00"W
22370	1Ed. 7/10/82 LAST NM 6/87		(22(269)86 Valparaiso) 10/87
	Substitute	Depth 2.7 meters Rk for dangerous submerged rock	44°17.5'S 74°32.0'W
22370	1Ed. 7/10/82 LAST NM 10/87		(22(269)86 Valparaiso) 13/87
	Delete	Depth 2.7 meters Rk (Cancels 10/87-22370)	44°17.5'S 74°32.0'W
	Substitute	Depth 2.7 meters Rk for dangerous submerged rock	45°17.5'S 74°32.0'W
22370	1Ed. 7/10/82 LAST NM 13/87		(MCNM7926/87) 25/87
	Add	Light Fl 6s 11M (See 6/87-22370)	43°52.3'S 73°44.5'W
22370	1Ed. 7/10/82 LAST NM 25/87		(Chile LL) 49/87
	Change	Light to Fl 5s 5M	43°52.0'S 73°44.2'W
22370	1Ed. 7/10/82 LAST NM 49/87		(Chile LL) 7/88
	Change	Visibility (range) of light to 9M	43°43'S 73°30'W
★**22371**	3Ed. 7/7/84	NEW EDITION	(DMAHTC) 37/84
22371	3Ed. 7/7/84 LAST NM 37/84		(13(119), 19(178)84 Valparaiso) 15/85
	Add	Bns	45°44'15"S 74°02'00"W
			45°42'00"S 74°08'45"W
			45°41'30"S 74°17'10"W
			45°46'20"S 74°21'00"W
			45°49'20"S 74°28'10"W
22371	3Ed. 7/7/84 LAST NM 15/85		(19(177), 21(201)84 Valparaiso) 16/85
	Delete	Depth 6 fathoms 5 feet (PA)	45°23.8'S 74°12.1'W
	Change	Light to Fl 12s 105 ft 12M	45°48'20"S 74°59'00"W
22371	3Ed. 7/7/84 LAST NM 16/85		(23(215)84 Valparaiso) 17/85
	Delete	Light	45°27.9'S 73°53.9'W
22371	3Ed. 7/7/84 LAST NM 17/85		(6(57)85 Valparaiso) 25/85
	Change	Light to Fl 15s 228ft 12M	45°20.0'S 74°34.4'W
22371	3Ed. 7/7/84 LAST NM 25/85		(26(1761)85 Taunton) 35/85
	Add	Depths 12 fathoms	45°18.56'S 73°40.73'W
		6 fathoms 5 feet	45°18.18'S 73°42.20'W
		3 fathoms 5 feet	45°19.02'S 73°44.88'W
22371	3Ed. 7/7/84 LAST NM 35/85		(23(252)85 Valparaiso) 8/86
	Add	Light Fl(3) 9s 19ft 5M	45°27.1'S 73°49.8'W
22371	3Ed. 7/7/84 LAST NM 8/86		(Chile CH 809) 17/86
	Add	Islet	45°47'40"S 73°34'08"W
22371	3Ed. 7/7/84 LAST NM 17/86		(4(41), 6(66)86 Valparaiso) 22/86
	Change	Light to Fl(2) 6s 23ft 5M	45°18.0'S 73°20.0'W

(continued on next page)

22371	(Continued) Add	Depth 6 fathoms	22/86 45°23'37"S 74°11'20"W
22371	3Ed. 7/7/84 LAST NM 22/86 Delete	Dangerous submerged rock "PA"	(MC/NM8082/88) 15/88 45°30'15"S 74°41'07"W
	Add	Dangerous submerged rock "PA"	45°29'30"S 74°43'02"W
		Legend "The correct position of Isla Analao is ¾ mile west of position shown"	45°27'06"S 74°42'00"W
★22395	1Ed. 6/19/82	NEW CHART	(DMAHTC) 33/82
22395	1Ed. 6/19/82 LAST NM 33/82 Add	Depth 3 meters	(16(190, 191), 17(218)82 Valparaiso) 45/82 48°46'40"S 74°25'40"W
		Light Fl 6s 7M with visible sector 024°-334°	48°55'48"S 74°21'35"W
		Light Fl 3s 6M	49°08'33"S 74°26'37"W
22395	1Ed. 6/19/82 LAST NM 45/82 Add	Depths 26 meters 26 meters	(6(360)83 Taunton) 13/83 49°57.5'S 75°27.9'W 49°58.2'S 75°34.9'W
22395	1Ed. 6/19/82 LAST NM 13/83 Delete	Dangerous submerged rock	(14(189)83 Valparaiso) 46/83 49°03.2'S 74°28.5'W
22395	1Ed. 6/19/82 LAST NM 46/83 Change	Light to Fl 5s 7M	(12(107-109), 13(120), 16(147)84 Valparaiso) 15/85 49°54.5'S 74°24.5'W
		Visibility (range) of lights to 7M 10M	50°06.1'S 74°47.7'W 50°12.0'S 74°47.5'W
	Add	Depth 64 meters (PA) Racon	47°53'30"S 76°07'00"W 49°51'10"S 75°35'00"W
22395	1Ed. 6/19/82 LAST NM 15/85 Add	Light Fl G 14s 7m 4M	(17(160)84 Valparaiso) 16/85 47°50'54"S 73°35'31"W
22395	1Ed. 6/19/82 LAST NM 16/85 Change	Visibility (range) of light to 9M	(23(216)84 Valparaiso) 17/85 49°38.5'S 74°21.0'W
22395	1Ed. 6/19/82 LAST NM 17/85 Change	Lights to Fl(3) G 13.5s 4M Fl 5s 6M	(4(37, 38), 6(58)85 Valparaiso) 25/85 50°00.8'S 75°03.8'W 48°41.3'S 74°26.2'W
	Add	Light Fl R 6s 2M with legend "Hulk"	49°08.5'S 74°26.9'W
22395	1Ed. 6/19/82 LAST NM 25/85 Change	Range (visibility) of light to 7M	(10(107)85 Valparaiso) 33/85 48°29.8'S 74°30.8'W
22395	1Ed. 6/19/82 LAST NM 33/85 Change	Light to Fl G 6s 9m 4M (See 25/85-22395)	(11(122)85 Valparaiso) 38/85 50°00.8'S 75°03.8'W
22395	1Ed. 6/19/82 LAST NM 38/85 Change	Light to Fl 14s 5 M (See 16/85-22395)	(18(210)85 Valparaiso) 7/86 47°50.8'S 73°35.4'W
22395	1Ed. 6/19/82 LAST NM 7/86 Delete	Depths 3 meters 4½ meters	(5(50)86 Valparaiso) 22/86 48°46'40"S 74°25'40"W 48°47'25"S 74°25'40"W
	Substitute	Depth 2½ meters for 7 meters	48°46'45"S 74°24'30"W
22395	1Ed. 6/19/82 LAST NM 22/86 Change	Legend to "Ile Marcus (18)"	(8(93)86 Valparaiso) 31/86 48°49.0'S 74°28.0'W
22395	1Ed. 6/19/82 LAST NM 31/86 Change	Lights to Fl 6s 9m 7M Fl(4) 12s 6M Fl 6s 7M	(11(131-135)86 Valparaiso) 38/86 50°00.8'S 75°03.8'W 49°17.4'S 74°24.0'W 49°26.9'S 74°18.3'W
		Period of light to 2s	49°22.9'S 74°25.1'W
	Add	Rock which does not cover	50°07.9'S 75°30.2'W

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22395	1Ed. 6/19/82 LAST NM 38/86		(15(190)86 Valparaiso) 42/86
	Change	Period of light to 3s (See 38/86-22395)	49°22.9'S 74°25.1'W
22395	1Ed. 6/19/82 LAST NM 42/86		(16(203)86 Valparaiso) 45/86
	Delete	Depth 44 meters	49°57'30"S 75°48'00"W
22395	1Ed. 6/19/82 LAST NM 45/86		(13(170, 171), 20(236), 21(247)86 Valparaiso) 6/87
	Add	Visible sectors to light 074°-152°, 161°-261°	50°00.6'S 75°20.5'W
		Light flare symbol	48°45.4'S 74°28.0'W 49°07.5'S 74°24.5'W
		Light Fl(2) R 6s 7m 3M, Ra Ref	49°07.0'S 74°24.5'W
22395	1Ed. 6/19/82 LAST NM 6/87		
	Change	Visibility (range) of light to 17M	(24(287)86 Valparaiso) 10/87 50°00.6'S 75°20.5'W
★22404	15Ed. 2/7/87	NEW EDITION	(DMAHTC) 16/87
★22405	6Ed. 1/31/87	NEW EDITION	(DMAHTC) 12/87
★22410	30Ed. 4/30/83	NEW EDITION	
	Delete	Obscured sector (278°-314°) from light	(DMAHTC, Chile LL) 28/83 53°50.3'S 70°23.2'W
	Add	Obscured sector 278°-314° to light	53°49.7'S 70°22.8'W
22410	30Ed. 4/30/83 LAST NM 28/83		
	Add	Depth 3 fathoms 1 foot Rk	(12(163)83 Valparaiso) 45/83 53°58.0'S 70°57.5'W
22410	30Ed. 4/30/83 LAST NM 45/83		
	Add	Depth 25 fathoms "Rep (1983)"	(17(1113)84 Taunton) 27/84 52°53.2'S 74°06.4'W
22410	30Ed. 4/30/83 LAST NM 27/84		
	Delete	Stranded wreck and light	(6(47)84 Valparaiso) 34/84 53°19.6'S 70°26.0'W
	Add	Dangerous wreck	53°19.1'S 70°27.6'W
22410	30Ed. 4/30/83 LAST NM 34/84		
	Delete	Buoy	(20(189-191), 22(210)84 Valparaiso) 16/85 52°49.5'S 70°31.7'W
	Change	Light to Fl WR 6s 49m 17/13M and add sector red 182°-196°	52°55.3'S 70°34.5'W
		Light to Fl(2) WG 7/5M and add sectors green 303°-006°, white-233° Note: Obscured sector unchanged	52°46.9'S 70°25.6'W
		Characteristic of buoy to Fl G 6s	53°08.9'S 70°50.6'W
22410	30Ed. 4/30/83 LAST NM 16/85		
	Add	Rock which does not cover	(1(8), 2(17)85 Valparaiso) 17/85 54°03.7'S 70°04.6'W 53°59.9'S 70°52.8'W 54°00.1'S 70°52.8'W
22410	30Ed. 4/30/83 LAST NM 17/85		
	Delete	R Bn (AERO) at light	(34(2280)85 Taunton) 41/85 53°06.5'S 70°54.0'W
	Add	R Bn (AERO) (PA)	53°05.4'S 70°53.0'W
22410	30Ed. 4/30/83 LAST NM 41/85		
	Delete	Depth 28 fathoms	(38(2539)85 Taunton) 47/85 54°35.4'S 72°54.8'W
	Add	Depth 25 fathoms	54°37.6'S 72°55.0'W
22410	30Ed. 4/30/83 LAST NM 47/85		
	Add	Light Fl 5s 20m 5M Racon	(11(123)85 Valparaiso) 6/86 52°5.3'S 73°49.7'W
22410	30Ed. 4/30/83 LAST NM 6/86		
	Change	Light to Fl G 10s 6m 10M	(17(196), 21(235)85 Valparaiso) 7/86 53°50.3'S 70°25.3'W
	Add	Rock which does not cover	54°22.5'S 71°37.0'W 54°23.7'S 71°38.4'W

22410 30Ed. 4/30/83 LAST NM 7/86
Add — Light Fl 5s 20m 5M Racon
(Cancels 6/86-22410)

22410 30Ed. 4/30/83 LAST NM 11/86
Delete — Depth 29 fathoms

Add — Depths 26 fathoms
16 fathoms

22410 30Ed. 4/30/83 LAST NM 17/86
Substitute — Depth 1 fathom 5 feet for
2 fathoms 4 feet

22410 30Ed. 4/30/83 LAST NM 31/86
Change — Characteristic of light to Fl(2) G
Visibility (range) of light to 6M

22410 30Ed. 4/30/83 LAST NM 38/86
Delete — Depth 150 fathoms

Add — Depths 12 fathoms
9 fathoms 5 feet
11 fathoms
16 fathoms
41 fathoms

22410 30Ed. 4/30/83 LAST NM 40/86
Change — Characteristic of buoy to Fl 6s

22410 30Ed. 4/30/83 LAST NM 45/86
Change — Visibility (range) of lights to
6M
15M
6M
7M
6M

22410 30Ed. 4/30/83 LAST NM 15/87
Add — Lights Fl 5s 14m 3M
Fl(3) 9s 8m 6M
Fl(4) 12s 7m 7M
Fl 5s 7m 7M
Fl(3) 3s 9m 6M
Fl 5s 7m 7M
Fl(4) 12s 18m 8M

22410 30Ed. 4/30/83 LAST NM 16/87
Add — Lights Fl 12s 12m 9M
Fl(4) 12s 11m 8M

22410 30Ed. 4/30/83 LAST NM 23/87
Add — Lights Q(6) + L Fl 15s 8m 9M
Q(2+1) R 14s 15m 3M
Fl 12s 15m 9M
Fl 10s 7m 7M
Fl(4) R 12s 8m 3M
Fl 5s 10m 5M

22410 30Ed. 4/30/83 LAST NM 43/87
Change — Lights to Fl(3) 9s 6m 6M
Fl 3s 6m 6M
Fl 6s 29m 7M

22410 30Ed. 4/30/83 LAST NM 19/88
Add — Purple tint (traffic separation zone)
0.5 mile wide on centerline between

Purple dashed lines (outside
limit of traffic lane) between

between

(11(123)85 Valparaiso) 11/86
52°55.3'S 73°49.7'W

(5(377)86 Taunton) 17/86
54°36'S 72°16'W

54°33.9'S 72°13.9'W
54°36.1'S 72°15.8'W

(9(106)86 Valparaiso) 31/86

53°32.6'S 72°24.6'W

(11(144)86 Valparaiso; BA LL) 38/86
52°42.9'S 73°47.3'W
52°44.0'S 73°44.0'W

(Chile CH 1114) 40/86
53°11.7'S 71°46.9'W

53°09.3'S 71°49.5'W
53°09.8'S 71°48.4'W
53°10.5'S 71°49.5'W
53°10.5'S 71°48.5'W
53°11.9'S 71°46.5'W

(16(204)86 Valparaiso) 45/86
53°08.9'S 70°50.6'W

(Chile LL; Chile CH 1201) 15/87

53°37.9'S 70°55.2'W
53°47.3'S 70°58.2'W
53°53.8'S 71°16.9'W
53°48.1'S 71°41.0'W
54°07.3'S 70°56.5'W

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(2(26-31, 33)87 Valparaiso) 16/87
54°17.8'S 70°55.9'W
54°20.6'S 71°47.6'W
54°20.3'S 71°26.8'W
54°22.5'S 71°15.5'W
54°26.5'S 71°06.5'W
54°38.1'S 71°59.5'W
54°37.5'S 71°45.4'W

(3(49), 4(56)87 Valparaiso) 23/87
54°25.5'S 71°59.5'W
54°21.2'S 70°54.1'W

(12(141-147)87 Valparaiso) 43/87
53°15.2'S 72°20.9'W
53°16.2'S 72°20.5'W
53°08.0'S 72°49.4'W
53°21.7'S 72°31.0'W
53°25.0'S 72°28.7'W
53°30.1'S 72°23.5'W

(Chile CH 1114) 19/88
53°50.3'S 70°25.3'W
53°49.7'S 70°22.8'W
53°34.4'S 70°27.6'W

(MCNM8113/88) 40/88

53°12.0'S 70°52.3'W
53°13.5'S 70°50.0'W

53°12.5'S 70°53.2'W
53°14.4'S 70°51.5'W

53°11.5'S 70°51.4'W
53°12.6'S 70°48.4'W

(Continued on next page)

22410	(Continued) Add	Open-outlined arrows indicating flow of traffic oriented 316° 136° Note: The above new traffic separation scheme has been adopted by IMO and is effective on 15 October 1988. Note "NOTE The Traffic Separation Scheme(s) on this chart is approved by the International Maritime Organization (IMO)."	40/88 53°12.5'S 70°50.0'W 53°13.7'S 70°51.5'W 52°56.5'S 72°00.0'W
22410	30Ed. 4/30/83 LAST NM 40/88 Change	Characteristic of light to Fl 10s	(11(82)88 Valparaiso) 42/88 54°37.5'S 71°45.4'W
22410	30Ed. 4/30/83 LAST NM 42/88 Change	Characteristic of lights to Fl 10s Fl 12s Fl 10s Fl 10s	(13(97-99, 101)88 Valparaiso) 45/88 54°07.2'S 70°56.3'W 54°21.2'S 70°54.1'W 54°20.3'S 71°26.8'W 54°38.1'S 71°59.4'W
22410	30Ed. 4/30/83 LAST NM 45/88 Add	Dangerous submerged rock (PA)	(MCNM8170/88) 47/88 53°39.0'S 72°13.1'W
22410	30Ed. 4/30/83 LAST NM 47/88 Change	Characteristic of lights to Fl(2) Fl 5s	(15(123, 124)88 Valparaiso) 49/88 53°34.0'N 72°31.1'W 53°47.3'S 70°58.2'W
22412	1Ed. 1/5/70 LAST NM 6/75 Change	Light to Gp Fl R (2) 12sec 26ft 6M	(6(73)79 Valparaiso) 21/79 52°43.1'S 73°47.2'W
22412	1Ed. 1/5/70 LAST NM 21/79 Change	Light to Gp Fl(3) 9sec 128ft 9M	(15(189)80 Valparaiso) 52/80 53°15.2'S 73°12.5'W
22412	1Ed. 1/5/70 LAST NM 52/80 Change	Light to Gp Fl(3) 13½sec 33ft 9M	(20(329)81 Valparaiso) 10/82 52°44'01"S 73°44'03"W
22412	1Ed. 1/5/70 LAST NM 10/82 Change	Visibility (range) of light to 13M	(2(19)82 Valparaiso) 18/82 53°05'22"S 73°35'15"W
22412	1Ed. 1/5/70 LAST NM 18/82 Add	Rock which does not cover	(23(311)82 Valparaiso) 13/83 52°59.8'S 73°28.2'W
★22412	1Ed. 1/5/70 LAST NM 13/83 Change	DMA Stock No. to 22ACO22412 in lower right margin of chart Note: Applicable to certain copies of this chart only	(DMAHTC) 18/84
22412	1Ed. 1/5/70 LAST NM 18/84 Add	Depth 42 meters "Rep (1983)"	(17(111)84 Taunton) 27/84 52°53.2'S 74°06.5'W
22412	1Ed. 1/5/70 LAST NM 27/84 (And Plan) Add	Light Fl 5s 65ft 5M Racon with visible sector 296°-167°	(11(123)85 Valparaiso) 6/86 52°55'18"S 73°49'42"W
22412	1Ed. 1/5/70 LAST NM 6/86 Change	Characteristic of light to Fl(2) G 12s Visibility (range) of light to 6M	(11(144)86 Valparaiso, BA LL) 38/86 52°43.1'S 73°47.2'W 52°44.1'S 73°44.3'W
★22415	7Ed. 12/8/84	NEW EDITION	(DMAHTC) 6/85
22415	7Ed. 12/8/84 LAST NM 6/85 Change	Visible sector of light to 083°-264°	(9(95)85 Valparaiso) 29/85 53°33.6'S 72°25.3'W
22415	7Ed. 12/8/84 LAST NM 29/85 Add	Depths 69 meters 34 meters	(5(376)86 Taunton) 17/86 53°33'12"S 72°24'18"W 53°36'12"S 72°16'36"W
22415	7Ed. 12/8/84 LAST NM 17/86 Delete	Depth 5½ meters and legend "Ra Anson"	(9(106)86 Valparaiso) 31/86 53°32.5'S 72°24.5'W

(continued on next page)

22415 (Continued)
Add — Depth 3½ meters with legend "Ra Anson" — 31/86 — 53°32.6'S 72°24.6'W

22415 7Ed. 12/8/84 LAST NM 31/86
Add — Buoy, R, conical — (12(141-143), 13(152)87 Valparaiso) 41/87 — 53°32'33"S 72°24'32"W

Lights
Fl 5s 10m 5M with visible sector 298°-144° — 53°30'18"S 72°23'48"W
Fl(4) R 12s 8m 3M with visible sector 338°-152° — 53°25'06"S 72°28'56"W
Fl 10s 7m 7M with visible sector 177°-050° — 53°21'50"S 72°30'35"W

22415 7Ed. 12/8/84 LAST NM 43/87
Add — Light Fl(3) G 9s 8m 3M — (23(255)87 Valparaiso) 13/88 — 53°26'29"S 72°29'06"W

22415 7Ed. 12/8/84 LAST NM 13/88
Add — Dangerous circle "Rock Rep 1988" (PA) — (MC NM8170/88) 47/88 — 53°39'00"S 72°13'00"W

22415 7Ed. 12/8/84 LAST NM 47/88
Change — Characteristic of light to Fl(2) — (15(123)88 Valparaiso) 49/88 — 53°34.0'S 72°31.2'W

22415 7Ed. 12/8/84 LAST NM 49/88
Add — Depths 10 meters Rk — (19(157)88 Valparaiso) 8/89 — 53°38.49'S 72°13.31'W
8 meters Rk — 53°38.41'S 72°13.45'W

*22418 1Ed. 3/25/89 — NEW CHART
Add — Rock which does not cover — (DMAHTC 18(146)88 Valparaiso) 23/89 — 52°05.9'S 70°13.1'W
55°06.0'S 70°13.5'W
54°58.7'S 70°11.5'W

*22420 1Ed. 6/12/82 — NEW CHART — (DMAHTC 33/82)

*22420 1Ed. 6/12/82 LAST NM 33/82
Relocate — Racon (49°59.9'S 75°22.4'W) to light — (DMAHTC 34/82) 50°00.7'S 75°20.9'W

Change — Characteristic of light to Fl(2) 6s 9M — 50°17.8'S 74°52.0'W

Add — Legends to lights
"Fl 6M" — 50°01.1'S 75°04.0'W
"Fl 6s 9M" — 50°06.0'S 74°36.7'W
"Fl(2) 12s 9M" — 50°04.8'S 74°36.2'W

22420 1Ed. 6/12/82 LAST NM 34/82
Add — Legend "Fl(2) 12s 9M" to light (See 34/82-22420) — (DMAHTC 36/82) 50°04.8'S 74°39.2'W

22420 1Ed. 6/12/82 LAST NM 36/82
Change — Light to Fl(3) 13½s 5M — (16(193), 17(219)82 Valparaiso) 45/82 — 50°44.5'S 74°31.2'W

Add — Light Fl 6s 7M with visible sector 345°-150° — 50°40.1'S 74°33.6'W

R Bn (AERO)
Light Fl 6s 7M with visible sector 354°-160° — 50°22.0'S 75°20.8'W
50°33.8'S 74°44.2'W

22420 1Ed. 6/12/82 LAST NM 45/82
Change — Characteristic of buoy to Fl G 4s — (19(253)82 Valparaiso) 48/82 — 52°16.7'S 73°30.0'W

22420 1Ed. 6/12/82 LAST NM 48/82
Change — Light to Fl R 5s 12M — (23(310)82 Valparaiso) 6(360)83 Taitao) 13/83 — 50°30.0'S 75°03.9'W

Add — Depths 26 meters — 49°57.5'S 75°27.9'W
26 meters — 49°58.2'S 75°34.9'W

22420 1Ed. 6/12/82 LAST NM 13/83
Change — Light to Fl 5s 7M — (12(107-110), 16(147)84 Valparaiso) 13/85 — 49°54.1'S 74°24.0'W

Visibility (range) of lights to 7M — 50°06.1'S 74°47.7'W
10M — 50°11.8'S 74°47.5'W
6M — 50°28.2'S 75°16.1'W
49°51'10"S 75°45'00"W

Add — Racon

22420	1Ed. 6/12/82 LAST NM 15/85		
	Add	Depth 9 meters (PA)	(17(163)84 Valparaiso) 16/85 52°24.5'S 74°57.5'W
22420	1Ed. 6/12/82 LAST NM 16/85		
	Change	Light to Fl(2) 14s 9M	(23(217, 218)84 Valparaiso) 17/85 51°09.5'S 74°09.5'W
		Visibility (range) of light to 7M	51°25.5'S 74°05.0'W
22420	1Ed. 6/12/82 LAST NM 17/85		
	Change	Light to Fl(3) G 13½s 4M	(6(58)85 Valparaiso) 25/85 50°01.2'S 75°04.2'W
22420	1Ed. 6/12/82 LAST NM 25/85		
	Change	Light to Fl G 6s 9m 4M (Supersedes 25/85-22420)	(11(122)85 Valparaiso) 38/85 50°01.2'S 75°04.2'W
22420	1Ed. 6/12/82 LAST NM 38/85		
	Change	Visible sector of light to 325°-150°	(9(105)86 Valparaiso) 31/86 50°40.1'S 74°37.6'W
22420	1Ed. 6/12/82 LAST NM 31/86		
	Change	Visibility (range) of lights to 18M 6M	(11(134, 135, 139)86 Valparaiso; BA LL) 38/86 52°44.1'S 73°47.1'W 52°43.9'S 73°43.9'W
		Light to Fl 6s 9m 7M	50°01.2'S 75°04.2'W
		Characteristic of buoy to Fl R 4s	52°16.7'S 73°39.1'W
	Add	Rock which does not cover	50°07.9'S 75°30.2'W
22420	1Ed. 6/12/82 LAST NM 38/86		
	Add	Depth 48 meters	(Chile CH 9111 40/86 50°58.2'S 75°29.0'W
22420	1Ed. 6/12/82 LAST NM 40/86		
	Delete	Depth 44 meters	(16(203)86 Valparaiso) 45/86 49°57'30"S 75°48.0'W
22420	1Ed. 6/12/82 LAST NM 45/86		
	Add	Visible sectors to light 074°-152°, 161°-261°	(21(247)86 Valparaiso) 6/87 50°00.6'S 75°20.9'W
22420	1Ed. 6/12/82 LAST NM 6/87		
	Change	Visibility (range) of light to 17M	(24(282)86 Valparaiso) 10/87 50°00.5'S 75°20.5'W
22420	1Ed. 6/12/82 LAST NM 10/87		
	Change	Visibility (range) of light to 6M	(16(132)88 Valparaiso) 52/88 50°33.0'S 74°50.4'W
★**22430**	4Ed. 2/16/85	NEW EDITION	(DMAHTC) 15/85
22430	4Ed. 2/16/85 LAST NM 15/85		
	Add	Depth 9½ meters	(20(193)84 Valparaiso) 16/85 55°17.0'S 67°04.9'W
22430	4Ed. 2/16/85 LAST NM 16/85		
	Change	Light to Fl 13M	(23(221, 222)84 Valparaiso) 17/85 54°55.5'S 67°31.2'W
	Add	Characteristic Fl(3) to light	54°55.2'S 67°35.7'W
22430	4Ed. 2/16/85 LAST NM 17/85		
	Change	Light to L Fl 13M (See 17/85-22430)	(Chile CH 1307) 19/85 54°55.5'S 67°31.2'W
22430	4Ed. 2/16/85 LAST NM 19/85		
	Change	Light to Fl(2) 16s 55m 8M	(7(48)85 Buenos Aires) 28/85 55°03'15"S 66°31'45"W
22430	4Ed. 2/16/85 LAST NM 28/85		
	Change	Visibility (range) of lights to 7M 6M 6M	(9(70)85 Buenos Aires) 31/85 54°59.9'S 66°43.6'W 54°56.4'S 66°54.4'W 54°54.4'S 67°05.6'W
		Lights to Fl 4s 7M Fl(2) 16s 10m 6M	54°54.9'S 67°28.9'W 54°53.2'S 67°17.7'W
		Characteristic of lights to Fl R 4s Fl WR 5s	54°54.6'S 67°24.5'W 54°52.2'S 68°05.4'W
		Range lights, front to Fl 5s 6M rear to Fl 4s 6M	54°53.4'S 67°31.6'W 54°53.4'S 67°31.3'W
22430	4Ed. 2/16/85 LAST NM 31/85		
	Change	Light to Fl 11s 40m 17M	(10(110)85 Valparaiso) 33/85 55°58.6'S 67°15.5'W
22430	4Ed. 2/16/85 LAST NM 33/85		
	Delete	Light	(25(1684)85 Taunton) 35/85 55°49.1'S 66°47.8'W

22430	4Ed. 2/16/85 LAST NM 35/85		(Chile CH 1316) 39/85
	Delete	Depth 33 meters	55°33.8'S 67°23.0'W
	Substitute	Danger circle for depth 11 meters	55°34.7'S 67°30.0'W
	Add	Danger circle	55°33.5'S 67°22.9'W
22430	4Ed. 2/16/85 LAST NM 39/85		(38(2539)85 Taunton) 47/85
	Add	Depths 60 meters	55°52.5'S 68°37.7'W
		64 meters	55°59.7'S 68°17.5'W
22430	4Ed. 2/16/85 LAST NM 47/85		(12(135), 14(164, 165), 21(236)85 Valparaiso) 7/86
	Delete	Danger circle (PD)	55°04.5'S 68°24.3'W
		Bn	55°32.0'S 68°00.6'W
		Legend "Dangerous Reef"	55°42.4'S 68°57.0'W
		Dangerous submerged rock	55°42.4'S 69°00.0'W
	Substitute	Rock awash enclosed by danger circle for rock which does not cover	55°00.3'S 68°16.5'W
	Add	Light Fl(3) 14s 46m 6M	54°57.2'S 67°09.2'W
		Legend "Breakers"	55°41.4'S 68°57.0'W
		Dangerous submerged rock	55°41.4'S 69°00.9'W
22430	4Ed. 2/16/85 LAST NM 7/86		(16(142)85 Buenos Aires) 9/86
	Add	Buoys (mooring)	54°49.7'S 68°15.4'W
		(mooring)	54°48.2'S 68°15.8'W
22430	4Ed. 2/16/85 LAST NM 9/86		(24(267)85 Valparaiso) 10/86
	Add	Light Fl 11s 270m 8M with obscured sector 060°-210°	55°16'25"S 66°31'30"W
22430	4Ed. 2/16/85 LAST NM 10/86		(5(52, 53)86 Valparaiso; 5(40)86 Buenos Aires) 22/86
	Substitute	Depth 6 meters for 10 meters	55°48.6'S 67°29.5'W
		Rock awash for submerged rock	55°48.4'S 67°29.5'W
	Change	Visibility (range) of light to 6M	55°04.6'S 67°04.0'W
	Add	Depths 1 meter Rk	55°47.3'S 67°29.0'W
		$2\frac{1}{4}$ meters	55°39.5'S 67°33.5'W
22430	4Ed. 2/16/85 LAST NM 22/86		(3(51)86 Valparaiso) 25/86
	Add	Chartlet, depicting changes in hydrography and topography, from back of Section I	55°45.0'S 69°06.0'W
22430	4Ed. 2/16/85 LAST NM 25/86		(11(146, 147)86 Valparaiso) 38/86
	Add	Depth $8\frac{1}{2}$ meters	55°15.6'S 66°41.0'W
		Danger circle "Shoal"	55°34.6'S 66°45.2'W
22430	4Ed. 2/16/85 LAST NM 38/86		(20(239)86 Valparaiso) 6/87
	Substitute	Bn for light	54°53.5'S 67°58.9'W
22430	4Ed. 2/16/85 LAST NM 6/87		(1(17, 18)87 Valparaiso) 21/87
	Add	Lights Fl(4) 12s 11m 7M	54°56'58"S 69°07'30"W
		Fl 5s 9m 3M	54°58'00"S 69°07'43"W
22430	4Ed. 2/16/85 LAST NM 21/87		(3(51)87 Valparaiso) 23/87
	Change	Light to Fl 12s 13m 9M	54°57.9'S 69°01.7'W
22430	4Ed. 2/16/85 LAST NM 23/87		(22(242-245)87 Valparaiso) 11/88
	Add	Pilot station symbols	55°08.0'S 66°33.4'W
			55°20.7'S 66°40.9'W
			55°56.7'S 67°12.5'W
			56°00.6'S 67°15.5'W
22430	4Ed. 2/16/85 LAST NM 11/88		(6(45)88 Buenos Aires) 36/88
	Add	Pilot station symbols	54°56'S 67°06'W
			55°02'S 66°43'W
22430	4Ed. 2/16/85 LAST NM 36/88		(10(74)88 Valparaiso) 39/88
	Add	Stranded wreck	54°58'15"S 67°08'00"W
*22430	4Ed. 2/16/85 LAST NM 39/88		(MCNM8154/88) 43/88
	Add	Depth 88 meters "Rep (1988)"	56°03'S 68°56'W
22430	4Ed. 2/16/85 LAST NM 43/88		(14(131, 132)88 Buenos Aires) 47/88
	Delete	Light from beacon	54°52.3'S 68°10.6'W

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22430	(Continued) Add	Pilot station symbols	47/88 54°51.8'S 68°05.5'W 54°53.1'S 68°28.0'W
22430	4Ed. 2/16/85 LAST NM 47/88 Delete	Bn	(18(168)88 Buenos Aires) 8/89 54°56.1'S 66°59.0'W
22430	4Ed. 2/16/85 LAST NM 8/89 Add	Anchorage symbol (large vessels)	(24(201)88 Valparaiso) 15/89 55°16.7'S 66°48.8'W
22430	4Ed. 2/16/85 LAST NM 15/89 Change	Characteristic of light to Fl 10s	(Chile LL) 25/89 54°57.0'S 69°07.5'W
★**22433**	2Ed. 2/1/86 Delete	NEW EDITION Danger circle (PD)	(DMAHTC, 1(9)86 Valparaiso; Arg LL) 16/86 55°04.5'S 68°24.0'W
	Substitute	Rock awash enclosed by danger circle for rock which does not cover (Previously published 7/86)	55°00.3'S 68°16.2'W
	Add	Buoys (mooring) (morring) (Previously published 9/86)	54°49'45"S 68°15'07"W 54°48'17"S 68°15'30"W
	Change	Visibility (range) of light to 9M (Previously published 10/86)	54°49.0'S 68°18.0'W
		Lights to Fl 6s 10m 5M Fl R 3s 15m 4M	54°50.4'S 68°15.7'W 54°50.2'S 68°15.5'W
	Delete	(And Plan) Position circle "Tr"	54°55'57"S 67°37'00"W
	Add	Position circle "Tr"	54°55'52"S 67°37'46"W
22433	2Ed. 2/1/86 LAST NM 16/86 Change	Visibility (range) of light to 7M (Cancels 16/86-22433)	(23(205)85 Buenos Aires) 22/86 54°49.0'S 68°18.0'W
22433	2Ed. 2/1/86 LAST NM 22/86 Delete	(And Plan) Position circle "Tr" (See 16/86-22433)	(1(9)86 Valparaiso) 26/86 54°55'52"S 67°37'46"W
	Add	Position circle "Tr"	54°55'52"S 67°37'20"W
22433	2Ed. 2/1/86 LAST NM 26/86 Substitute	Bn for light	(20(239-241)86 Valparaiso) 6/87 54°53'31"S 67°58'35"W
	Add	(Plan) Obscured sector 180°-075° to lights	54°55.5'S 67°31.7'W 54°55.5'S 67°27.5'W
22433	2Ed. 2/1/86 LAST NM 6/87 Change	(Plan) Visibility (range) of light to 7M	(22(271)86 Valparaiso) 10/87 54°55.6'S 67°26.8'W
22433	2Ed. 2/1/86 LAST NM 10/87 Relocate	(Plan) Light close W to	(9(75)88 Buenos Aires) 38/88 54°55'07"S 67°29'28"W
22433	2Ed. 2/1/86 LAST NM 38/88 Substitute	Rock awash enclosed by danger circle for rock which does not cover (1)	(13(102)88 Valparaiso) 45/88 54°58.1'S 68°21.8'W
22433	2Ed. 2/1/86 LAST NM 45/88 Delete	Light	(14(131-133)88 Buenos Aires) 47/88 54°52.3'S 68°10.6'W
	Add	Pilot station symbols	54°51.8'S 68°05.5'W 54°53.1'S 68°28.0'W
	Relocate	(Plan) Light (54°55'07"S 67°29'28"W) to (See 38/88-22433)	54°55'08"S 67°29'21"W
★**22434**	1Ed. 8/29/81	NEW CHART	(DMAHTC) 42/81

22434 1Ed. 8/29/81 LAST NM 42/81
Delete — Depth 16 meters — (16(206)83 Valparaiso) 46/83 54°54'43"S 67°35'38"W

Change — Note to "CAUTION Banco Herradura is reported to have extended farther north and its western limit to lie 0.2 mile farther east than shown on this chart." — 54°55'58"S 67°33'04"W

22434 1Ed. 8/29/81 LAST NM 46/83
Relocate — Buoy close S to and change to red. Fl(3) 9s Ra Ref — (16(206), 18(220)83 Valparaiso) 49/83 54°53'59.0"S 67°36'16.8"W

Change — Note to "CAUTION The width of Banco Herradura is actually 0.45 mile, therefore the western limit of the bank lies 0.2 mile farther east than charted." — 54°55'58"S 67°33'04"W

22434 1Ed. 8/29/81 LAST NM 49/83
Change — Light to Fl(3) R 10s 7m 6M — (23(221,222)84 Valparaiso) 17/85 54°55'06"S 67°36'39"W

Range lights, front to Fl 2s 10m 6M — 54°55'07"S 67°32'10"W
rear to L Fl 6s 22m 13M — 54°55'12"S 67°32'03"W

22434 1Ed. 8/29/81 LAST NM 17/85
Delete — Position circle "Control Tower" — (1(9)86 Valparaiso) 16/86 54°55'43"S 67°37'23"W

Add — Position circle "TR" — 54°55'39"S 67°37'37"W

22434 1Ed. 8/29/81 LAST NM 16/86
Add — Obscured sector 180°-075° to light — (20(240)86 Valparaiso) 6/87 54°55'07"S 67°32'11"W

22434 1Ed. 8/29/81 LAST NM 6/87
Change — Light to Fl 5s 49m 6M — (9(70)85 Buenos Aires) 16/87 54°53.3'N 67°32.7'W
Visibility (range) of light to 6M — 54°53.3'N 67°32.3'W

22434 1Ed. 8/29/81 LAST NM 16/87
Add — Purple dashed line joining — (17(192)87 Valparaiso) 5/88 54°54'14"S 67°35'26"W
54°54'22"S 67°34'56"W
54°54'38"S 67°35'11"W
54°54'30"S 67°35'40"W

Pilot station symbol — 54°54'26"S 67°35'18"W

22434 1Ed. 8/29/81 LAST NM 5/88
Add — Light 2 F (occas) (PA) — (13(103)88 Valparaiso) 45/88 54°55'40"S 67°37'13"W

22436 1Ed. 9/17/83 — NEW CHART — (DMAHTC) 45/83

22436 1Ed. 9/17/83 LAST NM 45/83
Add — Buoys (mooring) — (16(142)85 Buenos Aires) 9/86 54°49'45"S 68°15'25"W
(mooring) — 54°48'13"S 68°15'47"W

22436 1Ed. 9/17/83 LAST NM 9/86
Change — Visibility (range) of light to 9M — (23(205)85 Buenos Aires) 10/86 54°49.0'S 68°18.3'W

22436 1Ed. 9/17/83 LAST NM 10/86
Change — Visibility (range) of light to 7M (Cancels 10/86-22436) — (23(205)85 Buenos Aires) 22/86 54°49.0'S 68°18.3'W

22436 1Ed. 9/17/83 LAST NM 22/86
Substitute — Bn for light — (20(239)86 Valparaiso) 6/87 54°53'31"S 67°58'53"W

22436 1Ed. 9/17/83 LAST NM 6/87
Change — Visibility (range) of light to 9M — (8(55)88 Valparaiso) 33/88 54°53'37"S 68°13'58"W

22436 1Ed. 9/17/83 LAST NM 33/88
Delete — Light — (14(131, 132)88 Buenos Aires) 47/88 54°52.3'S 68°10.6'W

Add — Pilot station symbol — 54°51'48"S 68°05'30"W

22437 1Ed. 8/27/83 — NEW CHART — (DMAHTC) 45/83

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22437	1Ed. 8/27/83 LAST NM 45/83		(23(205)85 Buenos Aires) 10/86
	Change	Visibility (range) of light to 9M	54°48'58"S 68°18'19"W
22437	1Ed. 8/27/83 LAST NM 10/86		(23(205)85 Buenos Aires) 22/86
	Change	Visibility (range) of light to 7M (Cancels 10/86-22437)	54°48'58"S 68°18'19"W

★22440	1Ed. 12/7/85	NEW CHART	(DMAHTC; 4(20)85 Buenos Aires) 11/86
	Change	Visibility (range) of light to 10M	54°48'40"S 65°13'37"W
22440	1Ed. 12/7/85 LAST NM 11/86		(16(151)88 Buenos Aires) 51/88
	Add	RT symbol	54°47.6'S 65°15.9'W

★22471	29Ed. 12/28/85	NEW EDITION	(DMAHTC; HNNM7550/85) 12/86
	Add	Platforms	
		"DD-2" (lighted) HORN	52°22'07"S 68°29'15"W
		"PE-3"	52°20'47"S 69°04'50"W
		"DD-3" (lighted)	52°21'58"S 68°29'45"W
		"PE-4"	52°22'26"S 69°05'56"W
		(Previously published 7/86)	
	Change	Characteristic of light to Fl 7½s	52°17'30"S 68°57'45"W
22471	29Ed. 12/28/85 LAST NM 12/86		(3(32)86 Valparaiso) 17/86
	Add	Platform "PO-4"	52°20'06"S 69°04'34"W
22471	29Ed. 12/28/85 LAST NM 17/86		(4(43)86 Valparaiso) 22/86
	Delete	Racon from platform "SPN-2"	52°24'05"S 69°04'45"W
	Add	Racon to platform "PE-2"	52°22'30"S 69°04'53"W
22471	29Ed. 12/28/85 LAST NM 22/86		(8(94)86 Valparaiso) 31/86
	Add	HORN to platform "DD-3" (See 12/86-22471)	52°21'58"S 68°29'45"W
22471	29Ed. 12/28/85 LAST NM 31/86		(1(84)87 Taunton) 11/87
	Add	Platform "SKUA-1" with light flare symbol	52°23.5'S 68°47.2'W
22471	29Ed. 12/28/85 LAST NM 11/87		(4(313)87 Taunton) 13/87
	Add	Platform "PE-7"	52°20'42"N 69°05'45"W
22471	29Ed. 12/28/85 LAST NM 13/87		(2(23)87 Valparaiso) 16/87
	Add	Platform "PF-7" with light flare and fog signal station symbols (Cancels 13/87-22471)	52°20'43"S 69°05'47"W
22471	29Ed. 12/28/85 LAST NM 16/87		(5(61-64)87 Valparaiso) 23/87
	Add	Light flare and fog signal station to platforms "PO4"	52°20'06"S 69°04'34"W
		"PE4"	52°22'24"S 69°05'56"W
		"PE2"	52°22'30"S 69°04'53"W
		Platform "PE5" with light flare and fog signal station symbol	52°22'35"S 69°04'57"W
22471	29Ed. 12/28/85 LAST NM 23/87		(MCNM7926/87; 6(81, 84)87 Valparaiso) 26/87
	Delete	Platform "PE3"	52°20'47"S 69°04'50"W
	Add	Platform "PE3" with light flare and fog signal station symbol	52°20'49"S 69°05'07"W
		Platform "PF13"	52°24'13"S 68°31'05"W
22471	29Ed. 12/28/85 LAST NM 26/87		(7(97)87 Buenos Aires) 36/87
	Delete	"PILOTS WAITING AREA" centered	52°17.5'S 69°10.3'W
	Change	Legend "PILOTS...VLCC" to "PILOT TRANSFER AREA"	52°19.2'S 69°00.2'W
	Add	Dashed line joining	52°19'20"S 68°58'30"W
			52°19'20"S 68°53'30"W
			52°21'20"S 68°58'30"W
			52°21'20"S 68°53'30"W
		Pilot station symbols	52°21'07"S 68°56'06"W
			52°22'13"S 69°02'00"W
		Legend "See note"	52°20'00"S 68°57'00"W

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22471	(Continued) Add	Note "NOTE Area reserved as waiting zone for traffic regulation and verification of navigational conditions for vessels without a pilot."	36/87 52°10'15"S 68°56'00"W
22471	29Ed. 12/28/85 LAST Add	NM 36/87 Platforms, each with light flare and fog signal station symbol "PE-6" "DD-4"	(2(10, 11)88 Valparaiso) 18/88 52°22'27"S 69°05'55"W 52°21'57"S 68°29'40"W
★22481	33Ed. 3/30/85 Change	NEW EDITION Visibility (range) of lights to 4M 5M (Previously published 15/85)	(DMAHTC) 23/85 52°25'37"S 69°30'03"W 52°24'43"S 69°21'26"W
	Delete	Buoys (Previously published 16/85)	52°51.0'S 70°26.3'W 52°49.2'S 70°32.0'W
	Change	Light to Fl WR 6s 49m 17/13M and add sector red 182°-196°	52°55.2'S 70°34.7'W
		Light to Fl(2) WG 6s 64m 7/5M and add sectors green 303°-006°, white-233° Note: Obscured sector unchanged (Previously published 16/85)	52°46.6'S 70°25.8'W
22481	33Ed. 3/30/85 LAST Add	NM 23/85 "Restricted Area (see caution)" bound by shore and purple composite line joining	(9(96)85 Valparaiso) 30/85 52°56'00"S 70°47'18"W 52°55'31"S 70°45'49"W 52°55'28"S 70°35'16"W 52°54'15"S 70°24'47"W 52°54'00"S 70°18'08"W
		joining	52°56'35"S 70°47'12"W 52°56'44"S 70°38'55"W 52°55'02"S 70°18'04"W 52°54'44"S 70°17'58"W
		Caution note "CAUTION Anchoring and fishing is prohibited between Cabo Porpesse and Punta Zegers due to an inflammable products pipeline."	52°56.5'S 70°57.0'W
22481	33Ed. 3/30/85 LAST Add	NM 30/85 Caution note "CAUTION Numerous platforms, exhibiting Mo(U) lights and fog signals, exist in the vicinity of the eastern end of Estrecha de Magallanes. Uncharted drilling rigs and service vessels may also be encountered."	(26(1763)85 Taunton) 34/85 52°28.0'S 70°04.0'W
		Legend "See CAUTION"	52°41.0'S 70°08.0'W
22481	33Ed. 3/30/85 LAST Change	NM 34/85 Characteristic of buoys to Fl(4) G 12s Fl(3) R 9s	(14(161, 162)85 Valparaiso) 7/86 52°57'07"S 70°20'45"W 52°57'16"S 70°20'29"W
22481	33Ed. 3/30/85 LAST Change	NM 7/86 Light to Fl R 4s 10m 4M Ra Ref	(14(185)86 Valparaiso) 39/86 52°33'22"S 69°41'30"W
22481	33Ed. 3/30/85 LAST Delete	NM 39/86 Depths 4¼ meters 4¼ meters 4¾ meters 3¾ meters	(15(192)86 Valparaiso) 42/86 52°55.6'S 70°45.5'W 52°55.6'S 70°45.2'W 52°55.6'S 70°44.6'W 52°55.5'S 70°43.7'W

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22481	33Ed. 3/30/85 LAST NM 42/86 Change	Characteristic of buoy to Fl(2) G 12s (See 7/86-22481)	(18(128)86 Buenos Aires) 52/86 52°57.1'S 70°20.7'W
22481	33Ed. 3/30/85 LAST NM 52/86 Add	Dashed line joining	(7(96)87 Valparaiso) 36/87 52°45'05"S 70°00'20"W 52°44'25"S 69°58'10"W 52°44'15"S 69°57'15"W 52°45'55"S 69°59'30"W
		Legend "See note"	52°45'00"S 69°59'00"W
		Note "NOTE Area reserved as waiting zone for traffic regulation and verification of navigational conditions for vessels without a pilot."	52°26'00"S 69°57'00"W
		Pilot station symbol	52°45'10"S 69°58'50"W
22481	33Ed. 3/30/85 LAST NM 36/87 Substitute	Lights F 5M for beacons	(13(153)87 Valparaiso) 43/87 52°53.7'S 70°09.1'W 52°53.7'S 70°06.0'W
22481	33Ed. 3/30/85 LAST NM 43/87 Add	Purple dashed line joining	(18(200)87 Valparaiso) 5/88 52°38'22"S 70°11'17"W 52°38'22"S 70°09'30"W 52°38'52"S 70°09'30"W 52°38'52"S 70°11'17"W
		Pilot station symbol	52°38'40"S 70°10'40"W
22481	33Ed. 3/30/85 LAST NM 5/88 Add	Buoys R, pillar, cone topmark, Fl(2) R 6s G, pillar, can topmark, Fl(2) G 6s	(22(184)88 Valparaiso) 9/89 52°55'41"S 70°44'39"W 52°55'59"S 70°45'21"W
22481	33Ed. 3/30/85 LAST NM 9/89 Add	Range lights, front Fl rear Fl	(24(199)88 Valparaiso) 15/89 52°54.6'N 70°44.1'W 52°54.5'N 70°44.1'W
★**22482**	14Ed. 4/16/83	NEW EDITION	(DMAHTC) 23/83
22482	14Ed. 4/16/83 LAST NM 23/83 Add	Chartlet, depicting changes in topography, from back of Section I	(DMAHTC) 25/83 53°10'S 70°54'W
★**22482**	14Ed. 4/16/83 LAST NM 25/83 Change	DMA Stock No. to 22AHA22482 in lower left margin of chart Note: Applicable to certain copies of this chart only	(DMAHTC) 23/84
22482	14Ed. 4/16/83 LAST NM 23/84 Add	Light Fl R 16s 26ft 3M to stranded wreck	(10(91)84 Valparaiso) 15/85 53°10'35"S 70°54'48"W
22482	14Ed. 4/16/83 LAST NM 15/85 Change	Characteristic of buoy to Fl G 6s	(22(210)84 Valparaiso) 16/85 53°08'54"S 70°50'36"W
22482	14Ed. 4/16/83 LAST NM 16/85 Add	Light Fl R 16s 26ft 3M to stranded wreck (Cancels 15/85-22482)	(10(91)84 Valparaiso) 17/85 53°10'33"S 70°54'48"W
22482	14Ed. 4/16/83 LAST NM 17/85 Delete	Position circle "AERO" at light	(34(2280)85 Taunton) 41/85 53°06.5'S 70°54.0'W
22482	14Ed. 4/16/83 LAST NM 41/85 Change	Characteristic of buoy to Fl 6s	(16(204)86 Valparaiso) 45/86 53°08'54"S 70°50'36"W
22482	14Ed. 4/16/83 LAST NM 45/86 Change	Title of note to "NOTES" and first line to "1. The electric lights of the town."	(7(94)87 Valparaiso) 36/87 53°08'58"S 70°57'56"W

(continued on next page)

22482	(Continued) Add	Note No 2 to note: "2. Area reserved as waiting zone for traffic regulation and verification of navigational conditions for vessels without a pilot."	36/87 53°09′10″S 70°57′56″W
		Dashed line joining	53°10′54″S 70°54′07″W 53°11′18″S 70°54′07″W 53°11′18″S 70°53′30″W 53°10′54″S 70°53′30″W
		Pilot station symbol	53°11′07″S 70°53′49″W
22482	14Ed. 4/16/83 LAST NM 36/87 Add	Legend "NOTE 2" (See 36/87-22482)	(7(94)87 Valparaiso) 46/87 53°11′S 70°54′W
22482	14Ed. 4/16/83 LAST NM 46/87 Add	Buoys, each BY, can, Q "Astillero W" "Astillero E"	(21(231)87 Valparaiso) 8/88 53°07′19″S 70°51′39″W 53°07′23″S 70°51′27″W
22482	14Ed. 4/16/83 LAST NM 8/88 Add	Purple tint (traffic separation zone) 0.5 mile wide on centerline between	(MCNM8113/88) 40/88 53°12′02″S 70°52′18″W 53°13′28″S 70°49′58″W
		Purple dashed lines (outside limit of traffic lane) between	53°12′33″S 70°53′13″W 53°14′21″S 70°51′30″W
		between	53°11′30″S 70°51′25″W 53°12′36″S 70°48′25″W
		Open-outlined arrows indicating flow of traffic oriented 316° 136° Note: The above new traffic separation scheme has been adopted by IMO and is effective on 15 October 1988.	53°12′47″S 70°49′47″W 53°13′36″S 70°50′59″W
		Note "NOTE The Traffic Separation Scheme(s) on this chart is approved by the International Maritime Organization (IMO)."	
			53°13′18″S 70°57′06″W
★22492	2Ed. 12/8/79	NEW EDITION	(DMAHTC) 5/80
22492	2Ed. 12/8/79 LAST NM 5/80 Delete	(Plan A) Dangerous submerged rock "Rep (1961)" (PA)	(1(48)79 Taunton) 25/80 26°09.0′S 80°04.0′W
22492	2Ed. 12/8/79 LAST NM 25/80 Change	(And Plan E) Period of light to 6s and visibility (range) to 10M	(18(228, 229)80 Valparaiso) 1/81 33°36′59″S 78°49′44″W
		Period of light to 4s	33°37′15″S 78°49′56″W
★22521	2Ed. 9/29/84 Change	NEW EDITION Line 3 of CHANGES IN BUOYAGE note to "Buoyage System in Region B. For further explanation, see annual	(DMAHTC) 45/84 1°01′05″S 89°15′00″W
22521	2Ed. 9/29/84 LAST NM 45/84 Substitute	Depth 58 fathoms for 158 fathoms	(NVS7438/85) 18/85 0°57′48″S 89°42′28″W
22521	2Ed. 9/29/84 LAST NM 18/85 Add	Legend "R Sta" at light	(46(308)85 Taunton) 7/86 0°54′00″S 89°36′43″W
22521	2Ed. 9/29/84 LAST NM 7/86 Relocate	Light close NW to	(11(8)87 Guayaquil) 16/88 0°53′15″S 89°36′50″W

22521	2Ed. 9/29/84 LAST NM 16/88		(Ecu CH IOA20) 33/88
	Add	Rock awash enclosed by dotted line "Rep (1974)" (PA)	0°39.0'S 89°17.0'W
22521	2Ed. 9/29/84 LAST NM 33/88		(Ecu CH 20001) 36/88
	Add	Light Fl 10s 66ft 18M	0°54'01"S 89°36'50"W
★**22523**	2Ed. 9/29/84	NEW EDITION	(DMAHTC; BA RA) 46/84
	Delete	R Bn at light	0°54'01"S 89°36'42"W
22523	2Ed. 9/29/84 LAST NM 46/84		(NVS7438/85) 18/85
	Substitute	Depth 117 fathoms for 17 fathoms	0°54'28"S 89°41'50"W
22523	2Ed. 9/29/84 LAST NM 18/85		(Ecu CH 20001) 36/88
	Add	Light Fl 10s 66ft 18M	0°54'01"S 89°36'50"W
22524	1Ed. 2/47 LAST NM 1A/71		(DMAHTC) 12/83
	Delete	Legend "CHART 22525"	1°21.1'S 89°37.8'W
★**22524**	1Ed. 2/47 LAST NM 12/83		(DMAHTC) 22/84
	Change	DMA Stock No. to 22XCO22524 Note: Applicable to certain copies of this chart only	
★**22526**	2Ed. 9/8/84	NEW EDITION	(DMAHTC) 44/84
★**22528**	2Ed. 8/2/80	NEW EDITION	(DMAHTC) 41/80
22528	2Ed. 8/2/80 LAST NM 41/80		(DMAHTC; US LL) 39/83
	Delete	Legend "(CHART 22522)"	0°45'13"S 90°17'12"W
	Change	Visibility (range) of light to 8M	0°44'42"S 90°18'39"W
★**22528**	2Ed. 8/2/80 LAST NM 39/83		(DMAHTC) 22/84
	Change	DMA Stock No. to 22XCO22528 in lower right margin of chart Note: Applicable to certain copies of this chart only	
22528	2Ed. 8/2/80 LAST NM 22/84		(26(1951)87 Taunton) 45/87
	Substitute	Depths $3\frac{1}{2}$ fathoms for $5\frac{1}{4}$ fathoms	0°46'10"S 90°16'56"W
		6 fathoms for $6\frac{3}{4}$ fathoms	0°46'06"S 90°17'19"W
	Add	Depths	
		$9\frac{3}{4}$ fathoms	0°45'59"S 90°17'37"W
		2 fathoms enclosed by danger circle	0°46'32"S 90°18'59"W
★**22529**	2Ed. 8/18/84	NEW EDITION	(DMAHTC) 41/84
22529	2Ed. 8/18/84 LAST NM 41/84		(HNNM7582/85) 41/85
	Change	Characteristic of light to Fl 10s	0°57'50"S 90°57'50"W
	Add	Light Fl(2+1) 15s 33ft 7M	0°57'17"S 90°58'37"W
22529	2Ed. 8/18/84 LAST NM 41/85		(4(349)89 Taunton) 18/89
	Change	Lights to Fl 10s 30ft 7M	0°57'17"S 90°58'37"W
		Fl(2+1) 15s 33ft 7M	0°57'50"S 90°57'50"W
★**22531**	2Ed. 4/30/83	NEW EDITION	(DMAHTC) 28/83
★**22531**	2Ed. 4/30/83 LAST NM 28/83		(DMAHTC) 23/84
	Change	DMA Stock No. to 22XCO22531 in lower left margin of chart Note Applicable to certain copies of this chart only	
22531	2Ed. 4/30/83 LAST NM 23/84		(HNNM7582/85) 41/85
	Change	Characteristic of light to Fl 10s	0°57'50"S 90°57'50"W
	Add	Light Fl(2+1) 15s 33ft 7M	0°57'17"S 90°58'37"W

22531	2Ed. 4/30/83 LAST NM 41/85		(4(349)89 Taunton) 18/89
	Change	Lights to Fl 10s 30ft 7M	0°57'17"S 90°58'37"W
		Fl(2+1) 15s 33ft 7M	0°57'50"S 90°57'50"W
*22532	2Ed. 3/16/85	NEW EDITION	(DMAHTC) 22/85
*22533	2Ed. 10/19/85	NEW EDITION	(DMAHTC) 2/86
*22541	2Ed. 2/16/85	NEW EDITION	(DMAHTC) 19/85
*22542	2Ed. 7/20/85	NEW EDITION	(DMAHTC) 40/85
*22543	2Ed. 8/24/85	NEW EDITION	(DMAHTC) 44/85
*22544	2Ed. 9/14/85	NEW EDITION	(DMAHTC) 48/85
*22545	1Ed. 3/47 LAST NM 1A/71		(DMAHTC) 39/83
	Delete	Legend "(CHART 22546)"	0°34.7'S 90°54.6'W
*22545	1Ed. 3/47 LAST NM 39/83		(DMAHTC) 23/84
	Change	DMA Stock No. to 22XCO22545 in lower right margin of chart Note: applicable to certain copies of this chart only	
*22547	3Ed. 6/5/76	NEW EDITION	(DMAHC) 30/76
22547	3Ed. 6/5/76 LAST NM 30/76		(9(37, 38)77 Guayaquil) 18/78
	Change	Lights to Gp Fl (2) 15sec 46ft 7M	0°26.1'S 90°17.2'W
		Gp Fl (2) 10sec 102ft 7M	0°26.3'S 90°15.7'W
22547	3Ed. 6/5/76 LAST NM 18/78		(11(46)79 Guayaquil) 9/80
	Change	Visibility (range) of light to 10M	0°26'05"N 90°17'14"W
22547	3Ed. 6/5/76 LAST NM 9/80		(DMAHTC) 39/83
	Delete	Purple outline of chart 22548	0°26.3'S 90°17.6'W
	Change	Legend to "CONTINUED ON 22523"	0°38.6'S 90°00.0'W
22547	3Ed. 6/5/76 LAST NM 39/83		(Ecu CH IOA 20202) 18/84
	Add	Stranded wreck	0°26'24"S 90°17'05"W
*22547	3Ed. 6/5/76 LAST NM 18/84		(DMAHTC) 23/84
	Change	DMA Stock No. to 22XCO22547 in lower right margin of chart Note: Applicable to certain copies of this chart only	
*22549	2Ed. 9/8/84	NEW EDITION	(DMAHTC) 44/84
22551	2Ed. 9/1/79	NEW EDITION	(DMAHTC) 43/79
*22551	2Ed. 9/1/79 LAST NM 43/79		(DMAHTC) 23/84
	Change	DMA Stock No. to 22XCO22551 in lower right margin of chart Note: Applicable to certain copies of this chart only	

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*29002	7Ed. 6/6/81	NEW EDITION	(DMAHTC; 8(87)80 Valparaiso) 31/81
	Change	Height (elevation) of Cornwallis Island to "(1542)"	61°02.5'S 54°12.5'W
29002	7Ed. 6/6/81 LAST NM 31/81		(10(614)82 Taunton) 21/82
	Add	Depths 18 fathoms	62°37.6'S 59°38.8'W
		34 fathoms	63°28.9'S 61°55.9'W
29002	7Ed. 6/6/81 LAST NM 21/82		(23(1358)82 Taunton) 44/82
	Add	Depth 17 fathoms "Rep (1974)"	65°17.5'S 67°45.0'W
29002	7Ed. 6/6/81 LAST NM 44/82		(30(1859), 38(2317)82 Taunton) 47/82
	Add	Depths 22 fathoms	63°42.5'S 55°48.0'W
		4 fathoms	64°02.5'S 57°00.0'W
		13 fathoms	62°47.6'S 61°45.2'W
29002	7Ed. 6/6/81 LAST NM 47/82		(BA CH 3200) 22/83
	Delete	Light	54°56'S 65°24'W
	Add	Depth 80 fathoms	61°12'S 53°43'W
29002	7Ed. 6/6/81 LAST NM 22/83		(NVS7018/83) 37/83
	Add	Depths 182 fathoms	61°42.9'S 58°46.0'W
		275 fathoms	61°38.5'S 59°06.5'W
*29002	7Ed. 6/6/81 LAST NM 37/83		(NVS7138/83) 1/84
	Add	Depth 136 fathoms	63°48.1'S 54°26.5'W
		240 fathoms	60°15.0'S 47°01.0'W
		132 fathoms	66°36.1'S 72°07.8'W
29002	7Ed. 6/6/81 LAST NM 1/84		(37(2418)84 Taunton) 43/84
	Add	Depths 63 fathoms	54°48.0'S 60°33.0'W
		47 fathoms	54°37.0'S 60°26.0'W
*29002	7Ed. 6/6/81 LAST NM 43/84		(39(2554)84 Taunton) 45/84
	Add	Depth 75 fathoms	68°16.5'S 71°50.0'W
		Islet "Rep (1984)" (PA)	68°35.0'S 71°59.0'W
29002	7Ed. 6/6/81 LAST NM 45/84		(12(237084 Leningrad) 19/85
	Add	Depth 1 fathom 4 feet Rk "Rep (1984)" (PA)	60°54.8'S 54°30.9'W
29002	7Ed. 6/6/81 LAST NM 19/85		(HNNM7479/85) 28/85
	Substitute	Depth 180 fathoms for 80 fathoms	65°26.0'S 68°24.0'W
29002	7Ed. 6/6/81 LAST NM 28/85		(17(1159)85 Taunton) 29/85
	Add	Depths 25 fathoms	62°06.0'S 56°52.5'W
		77 fathoms	62°03.7'S 56°56.5'W
29002	7Ed. 6/6/81 LAST NM 29/85		(BA CH 3175) 41/85
	Add	Depth 117 fathoms	59°42'S 44°58'W
29002	7Ed. 6/6/81 LAST NM 41/85		(14(166), 20(228)85 Valparaiso) 7/86
	Add	Depth 28 fathoms	62°05'00"S 56°40'00"W
		Light Fl 17M	56°33'00"S 68°45'00"W
29002	7Ed. 6/6/81 LAST NM 7/86		(24(267)85 Valparaiso) 10/86
	Add	Light Fl 11s 8M	55°16.4'S 66°31.5'W
29002	7Ed. 6/6/81 LAST NM 10/86		(24(210)85 Buenos Aires) 22/86
	Add	Depth 34 fathoms	63°45.0'S 54°45.0'W
29002	7Ed. 6/6/81 LAST NM 22/86		(44(3230)86 Taunton) 8/87
	Add	Depths 2 fathoms 1 foot	68°33'S 69°00'W
		32 fathoms	69°04'S 69°14'W
		28 fathoms	69°14'S 68°47'W
		28 fathoms	69°22'S 69°56'W
		16 fathoms	68°51'S 67°45'W
29002	7Ed. 6/6/81 LAST NM 8/87		(44(3230)86 Taunton) 12/87
	Delete	Depth 28 fathoms	69°22'S 69°56'W
	Add	Depth 28 fathoms (See 8/87-29002)	69°22'S 68°56'W
29002	7Ed. 6/6/81 LAST NM 12/87		(MCNM7967/87) 37/87
	Add	Danger circle "Shoal (rep 1987)"	64°11.7'S 63°28.8'W

SUBREGION

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29002	7Ed. 6/6/81 LAST NM 37/87		(35(2673)87 Taunton) 4/88
	Add	Depth 290 fathoms "(Rep)"	61°56.0'S 48°36.0'W
★29005	6Ed. 8/7/76	NEW EDITION	(DMAHC) 38/76
	Add	Depth 13 fathoms (PA)	67°49.9'S 69°17.0'W
		(Previously published 38/76)	
29005	6Ed. 8/7/76 LAST NM 39/76		(Arg CH 110) 41/76
	Add	Depth 15 fathoms	68°27'S 75°30'W
29005	6Ed. 8/7/76 LAST NM 43/76		(108118)77 Valparaiso) 34/77
	Add	Islets (PA) in	68°42.6'S 71°09.0'W
			68°48.3'S 71°44.0'W
29005	6Ed. 8/7/76 LAST NM 34/77		(2613511)77 Taunton) 36/77
	Add	Islet	68°50'S 69°25'W
		Depths 17 fathoms in	68°54'S 68°29'W
		40 fathoms	68°46'S 69°15'W
		57 fathoms	68°30'S 70°14'W
29005	6Ed. 8/7/76 LAST NM 36/77		(4(257)80 Taunton) 13/81
	Add	Depth 9 fathoms "Sh-val (rep 1980)"	67°50.8'S 69°14.3'W
29005	6Ed. 8/7/76 LAST NM 13/80		(486(2504)80 Taunton) 1/81
	Delete	Light	66°23'S 67°11'W
★29005	6Ed. 8/7/76 LAST NM 1/81		(NVS7138/83) 1/84
	Add	Depth 132 fathoms	66°36.1'S 72°07.8'W
29005	6Ed. 8/7/76 LAST NM 1/84		(392554)84 Taunton) 45/84
	Add	Depth 75 fathoms	68°16.5'S 71°30.0'W
		Islet "Rep (1984)" (PA)	68°35.0'S 71°59.0'W
★29008	5Ed. 3/26/83	NEW EDITION	(DMAHTC) 23/83
29008	5Ed. 3/26/83 LAST NM 23/83		(BA CH 3174) 14/87
	Add	Depths 52 fathoms	74°43'S 136°31'W
		4 fathoms	74°21'S 132°25'W
★29012	7Ed. 7/22/78	NEW EDITION	(DMAHC) 35/79
29012	7Ed. 7/22/78 LAST NM 35/78		(BA CH 3173) 15/86
	Delete	Depth 130 fathoms	71°13'S 170°00'E
	Add	Depth 10 fathoms	71°12'S 170°05'E
★29015	4Ed. 7/14/84	NEW EDITION	(DMAHTC) 41/84
29018	3Ed. 8/21/61 LAST NM 32/73		(BA CH 3172) 50/73
	Add	Depths 755 fathoms in	64°53'S 126°10'E
		179 fathoms	64°35'S 123°50'E
		966 fathoms	63°05'S 102°10'E
		158 fathoms	62°25'S 90°15'E
29018	3Ed. 8/21/61 LAST NM 50/76		(NVS6483/81) 38/81
	Delete	Island	65°45'S 81°50'E
★29018	3Ed. 8/21/61 LAST NM 38/81		(NVS7138/83) 1/84
	Add	Depths 213 fathoms	65°16.2'S 113°48.9'E
		207 fathoms	65°16.9'S 114°00.8'E
29018	3Ed. 8/21/61 LAST NM 1/84		(DMAHTC, S(114)84 Sydney) 14/84
	Delete	Legend "CHART 29461"	66°10.0'S 109°27.5'E
	Add	R Bn (AERO)	66°17.5'S 110°32.5'E
29018	3Ed. 8/21/61 LAST NM 14/84		(9(1575)88 Leningrad) 29/88
	Add	Depth 32 fathoms "Rep (1988)"	66°28'S 92°54'E
! ★29022	4Ed. 9/8/84	NEW EDITION	(DMAHTC) 48/84
29022	4Ed. 9/8/84 LAST NM 48/84		(23(356)85 Sydney) 30/85
	Add	Depth 3 fathoms (PA)	68°33.6'S 77°50.5'E

29022	4Ed. 9/8/84 LAST NM 39/85		(14/1115/88 Taunton) 27/88
	Add	Obstruction (covered 2½ fathoms) (PA)	67°08.0'S 46°04.9'E
29022	4Ed. 9/8/84 LAST NM 27/88		(MCNM8178/88) 52/88
	Add	Depths 219 fathoms (PA)	68°03.4'S 38°43.5'E
		64 fathoms (PA)	68°12.8'S 40°29.3'E
		107 fathoms (PA)	68°20.9'S 39°00.6'E
29025	2Ed. 5/21/81 LAST NM 31/73		(BA CH 3170) 49/76
	Add	Depths 656 fathoms in	65°00'S 2°28'E
		734 fathoms	69°20'S 17°22'E
		69 fathoms	70°12'S 24°33'E
		83 fathoms	70°13'S 3°03'E
⊕ 29025	2Ed. 8/21/81 LAST NM 49/76		(NVS7138/83) 1/84
	Add	Depths 185 fathoms	68°39.9'S 31°15.5'E
		195 fathoms	68°47.7'S 30°56.9'E
29025	2Ed. 8/21/81 LAST NM 1/84		(BA CH 3170) 14/87
	Delete	Legends "CHART 29681"	69°40'S 21°45'E
		"CHART 29682"	69°45'S 19°35'E
	Add	Depths 119 fathoms	69°36'S 12°23'E
		121 fathoms	69°32'S 13°20'E
		82 fathoms	69°35'S 15°45'E
		93 fathoms	69°39'S 16°37'E
		184 fathoms	69°23'S 15°39'E
		256 fathoms	69°27'S 16°40'E
		108 fathoms	70°12'S 6°08'W
		237 fathoms	70°13'S 3°35'W
		27 fathoms	70°39'S 8°00'W
		155 fathoms	70°33'S 7°46'W
		149 fathoms	70°25'S 9°15'W
⊕ 29030	5Ed. 10/4/75	NEW EDITION	(DMAHC) 46/75
⊕ 29030	5Ed. 10/4/75 LAST NM 46/75		(NVS7138/83) 1/84
	Add	Depths 99 fathoms	73°59.4'S 75°02.3'W
		144 fathoms	75°01.2'S 25°56.4'W
		228 fathoms	74°38.9'S 26°56.6'W
		155 fathoms	75°02.3'S 26°50.2'W
		94 fathoms	77°03.9'S 33°18.1'W
		110 fathoms	77°09.1'S 33°29.4'W
29040	5Ed. 10/4/75 LAST NM 1/84		(BA CH 3176) 15/87
	Add	Depths 92 fathoms	75°26'S 26°22'W
		69 fathoms	76°38'S 30°22'W
		82 fathoms	76°48'S 31°48'W
		93 fathoms	77°35'S 45°00'W
⊕ 29040	1Ed. 4/27/85	NEW CHART	(DMAHTC) 26/85
⊕ 29041	Ed. 5/86	NEW EDITION	(DMAHTC) N8/87
⊕ 29042	Ed. 12/4/87	NEW EDITION	(DMAHTC) N15/88
⊕ 29101	5Ed. 8/23/80	NEW EDITION	(DMAHTC) 44/80
29101	5Ed. 8/23/80 LAST NM 44/80		(1175/81 Taunton) 8/81
	Add	Depth 1 fathom Rk "Rep (1980)"	62°14.0'S 58°41.5'W
29101	5Ed. 8/23/80 LAST NM 8/81		(10/614/82 Taunton) 21/82
	Add	Depth 18 fathoms	62°37.6'S 59°38.6'W
29101	5Ed. 5/23/80 LAST NM 21/82		(15/1810/82 Valparaiso) 38/82
	Substitute	Bn for light	62°18.3'S 59°14.0'W
29101	5Ed. 8/23/80 LAST NM 38/82		(38/2317/82 Taunton) 47/82
	Add	Depth 13 fathoms	62°47.37'S 61°45.13'W
29101	5Ed. 8/23/80 LAST NM 47/82		(NVS6955/83) 26/83
	Delete	Buss	62°13.2'S 58°53.5'W
			62°19.5'S 59°10.1'W
			62°18.3'S 59°14.0'W

(continued on next page)

29101	(Continued)		
	Relocate	Bn (62°26.8'S 59°23.0'W) to	25/83 62°26.5'S 59°22.5'W
	Add	Legend "Exting (rep 1983)" to light	62°59.8'S 60°35.5'W
★**29101**	5Ed. 8/23/80 LAST NM 26/83		
	Add	Depths 182 fathoms	(NVS7018/83) 37/83 61°42.9'S 58°46.0'W
		275 fathoms	61°38.5'S 59°06.5'W
★**29101**	5Ed. 8/23/80 LAST NM 37/83		
	Add	Depth 152 fathoms "Rep (1982)"	(NVS7130/83) 52/83 62°44.3'S 59°52.9'W
29101	5Ed. 8/23/80 LAST NM 52/83		
	Substitute	Bn for light	(1/2(5)84 Buenos Aires) 9/84 62°35.6'S 59°54.1'W
29101	5Ed. 8/23/80 LAST NM 9/84		
	Add	Depth 16 fathoms	(Arg CH 100) 18/84 62°59.5'S 60°45.2'W
29101	5Ed. 8/23/80 LAST NM 18/84		
	Relocate	Light close NW to	(23(274)84 Valparaiso) 34/84 62°12.5'S 58°55.8'W
29101	5Ed. 8/23/80 LAST NM 34/84		
	Add	Depth 22 fathoms	(48(3199)84 Taunton) 2/85 62°10.3'S 58°21.2'W
		Submerged rock	62°05.2'S 58°21.0'W
		Dangerous submerged rock	62°04.7'S 58°22.7'W
29101	5Ed. 8/23/80 LAST NM 2/85		
	Add	Racon at light	(66(63)85 Valparaiso) 25/85 63°08.5'S 58°02.3'W
29101	5Ed. 8/23/80 LAST NM 25/85		
	Change	Light to Fl 7s 62ft 5M	(BA LL) 28/85 62°14.4'S 58°40.8'W
29101	5Ed. 8/23/80 LAST NM 28/85		
	Add	Racon	(HNNM7561/85) 37/85 62°18'22"S 59°12'48"W
29101	5Ed. 8/23/80 LAST NM 37/85		
	Add	Rock awash (PD) enclosed by dotted line	(44(2946)85 Taunton) 2/86 62°18.0'S 58°38.0'W
29101	5Ed. 8/23/80 LAST NM 2/86		
	Delete	Light (See 25/85-29101)	(12(139), 14(168)85 Valparaiso) 7/86 63°08.5'S 58°02.3'W
	Add	Bn, Racon Depth 1 fathom 2 feet	62°08.3'S 58°02.5'W 62°31.5'S 59°48.5'W
29101	5Ed. 8/23/80 LAST NM 7/86		
	Add	Bn Racon (See 7/86-29101)	(14(168)85 Valparaiso) 18/86 63°08.5'S 58°02.3'W
29101	5Ed. 8/23/80 LAST NM 18/86		
	Change	Period of light to 6s	(3(18)86 Buenos Aires) 22/86 62°14.4'S 58°40.8'W
★**29101**	5Ed. 8/23/80 LAST NM 22/86		
	Add	Depths 124 fathoms	(MCNM7824/86) 41/86 63°00.6'S 58°35.1'W
		75 fathoms	62°00.8'S 59°49.1'W
		75 fathoms	62°48.3'S 60°18.5'W
29101	5Ed. 8/23/80 LAST NM 41/86		
	Add	Anchorage symbol	(Arg CH H-711) 45/86 61°52.2'S 57°44.5'W
		Depth 1 fathom	62°58.8'S 60°35.5'W
		Submerged rock	61°52.7'S 57°43.1'W
		Dangerous submerged rock	62°39.8'S 60°37.6'W
		Height to lights 372ft	62°58.2'S 60°42.2'W
		338ft	62°58.7'S 60°39.2'W
		Position circles "RT"	62°58.6'S 60°41.0'W
		"R Sta"	62°35.4'S 60°04.7'W
29101	5Ed. 8/23/80 LAST NM 45/86		
	Delete	Lights	(41(3016)86 Taunton) 52/86 62°58.2'S 60°42.2'W
			62°58.7'S 60°39.2'W
		(See 45/86-29101)	62°59.7'S 60°35.4'W
29101	5Ed. 8/23/80 LAST NM 52/86		
	Delete	Depth 3 fathoms	(MCNM7868/86) 2/87 62°14.4'S 58°23.8'W

(continued on next page)

29101	(Continued)		2/87
	Add	Depths 3 fathoms 5 feet	62°14.7'S 58°23.4'W
		3 fathoms Rk enclosed by danger circle	62°14.6'S 58°23.6'W
29101	5Ed. 8/23/80 LAST NM 2/87		
	Add	Depths 9 fathoms 3 feet	(28(2134)87 Taunton) 50/87
		31 fathoms	63°02.75'S 60°57.75'W
			63°02.35'S 60°58.00'W
29101	5Ed. 8/23/80 LAST NM 50/87		
	Delete	Submerged rocks and enclosing dotted line circle "Svip Rks" (PA)	(24(1799), 31(2368)87 Taunton) 52/87 62°34.0'S 61°38.5'W
	Add	Submerged rocks with legend "Svip Rks (1909)" enclosed by dotted line circle (ED)	62°38.0'S 61°36.2'W
		Submerged rock	62°09.8'S 58°50.2'W
29101	5Ed. 8/23/80 LAST NM 52/87		
	Delete	Rock, danger circle and legend "(ED)"	(34(2614)88, 42(3153)88 Taunton) 5/89 61°53.4'S 57°34.5'W
	Add	Rock which does not cover enclosed by danger circle	61°53.45'S 57°32.68'W
		Depth 9 fathoms 2 feet	62°59.70'S 60°32.40'W
29101	5Ed. 8/23/80 LAST NM 5/89		
	Add	Light Fl 5s 170ft 6M	(11(74)88 Montevideo) 9/89 62°11.3'S 58°54.4'W
*29104	3Ed. 8/28/82	NEW EDITION	(DMAHTC) 44/82
29104	3Ed. 8/28/82 LAST NM 44/82		
	Delete	Depth 163 meters	(24(1571)84 Taunton) 33/84 61°08.5'S 54°21.3'W
29104	3Ed. 8/28/82 LAST NM 33/84		
	Add	Depth 79 meters	(39(2555)84 Taunton) 45/84
		174 meters	61°12.7'S 54°26.3'W
			61°11.0'S 54°24.3'W
29104	3Ed. 8/28/82 LAST NM 45/84		
	Add	Depth 3 meters Rk "Rep (1984)" (PA)	(12(2370)84 Leningrad) 19/85 60°54.8'S 54°30.9'W
29104	3Ed. 8/28/82 LAST NM 19/85		
	Add	Depths 46 meters	(17(1159)85 Taunton) 29/85 62°05.95'S 56°52.50'W
		141 meters	62°03.70'S 56°56.45'W
29104	3Ed. 8/28/82 LAST NM 29/85		
	Delete	Depth 988 meters	(14(166, 167)85 Valparaiso) 7/86 62°03'43"S 56°57'15"W
	Add	Depth 51 meters	62°05'22"S 56°39'00"W
29104	3Ed. 8/28/82 LAST NM 7/86		
	Delete	Rock, danger circle and legend "(ED)"	(34(2614)88 Taunton) 5/89 61°53.3'S 57°34.8'W
	Add	Rock which does not cover enclosed by danger circle	61°53.6'S 57°33.2'W
*29105	4Ed. 5/17/86	NEW EDITION	
	Add	Bn	(DMAHTC, 14(168)85 Valparaiso) 30/86 63°08.5'S 58°02.3'W
29105	4Ed. 5/17/86 LAST NM 30/86		
	Delete	Dangerous submerged rock	(MCNM7868/86) 2/87
		Depths 6.4 meters	62°14.6'S 58°22.6'W
		5.5 meters	62°15.0'S 58°24.0'W
			62°14.7'S 58°24.5'W
	Add	Depths 7 meters	62°14.8'S 58°23.4'W
		5.5 meters Rk enclosed by danger circle	62°14.6'S 58°23.8'W
29105	4Ed. 5/17/86 LAST NM 2/87		
	Change	Characteristic of light to Fl	(3(21)89 Buenos Aires) 23/89 63°24.0'S 56°59.4'W
*29106	5Ed. 6/2/84	NEW EDITION	(DMAHTC) 37/84
29106	5Ed. 6/2/84 LAST NM 37/84 (Plan E)		(BA LL) 28/85
	Change	Characteristic of light to Iso 4s	63°24'01"S 56°59'11"W

29106	5Ed. 6/2/84 LAST NM 28/85		(HNNM7647/85) 1/86
		(Plan E)	
	Add	Depths 20 fathoms	63°23'57"S 57°00'13"W
		72 fathoms	63°23'06"S 56°58'03"W
29106	5Ed. 6/2/84 LAST NM 1/86		(51(3869)88 Taunton) 18/89
		(Plan C)	
	Delete	Depth 5 fathoms 3 feet	64°48'35.7"S 63°30'46.5"W
	Add	Depths 2 fathoms 2 feet	64°48'53.6"S 63°31'32.0"W
		4 fathoms 3 feet	64°48'45.5"S 63°31'16.8"W
		4 fathoms 5 feet	64°48'36.1"S 63°31'02.2"W
		16 fathoms 2 feet	64°48'35.4"S 63°31'13.5"W
		3 fathoms 5 feet	64°48'35.1"S 63°30'46.6"W
		6 fathoms 5 feet	64°48'32.8"S 63°30'40.1"W
		4 fathoms 3 feet	64°48'40.4"S 63°30'15.0"W
29106	5Ed. 6/2/84 LAST NM 18/89		(5(23)89 Valparaiso) 22/89
		(Plan B)	
	Add	Anchorage symbol (large vessels)	63°19'24"S 57°54'51"W
29106	5Ed. 6/2/84 LAST NM 22/89		(3(21)89 Buenos Aires) 23/89
		(Plan E)	
	Change	Characteristic of light to. Fl 3s	63°24'01"S 56°59'11"W
★**29107**	1Ed. 12/8/84	NEW CHART	(DMAHTC) 12/85
★**29121**	3Ed. 2/6/82	NEW EDITION	(DMAHTC) 16/82
29121	3Ed. 2/6/82 LAST NM 16/82		(10(614)82 Taunton) 21/82
	Add	Depth 34 fathoms	63°28.9'S 61°55.9'W
29121	3Ed. 2/6/82 LAST NM 21/82		(15(181)82 Valparaiso) 38/82
	Substitute	Bn for light	63°51.8'S 61°00.7'W
29121	3Ed. 2/6/82 LAST NM 38/82		(NVS7130/83) 52/83
	Add	Depths 150 fathoms "Rep (1982)"	64°21.2'S 61°48.6'W
		93 fathoms "Rep (1982)"	64°25.0'S 61°45.5'W
29121	3Ed. 2/6/82 LAST NM 52/83		(20(1292)84 Taunton) 29/84
	Add	Dangerous submerged rock	63°59.7'S 60°52.2'W
29121	3Ed. 2/6/82 LAST NM 29/84		(31(2011)84 Taunton) 39/84
	Delete	Depth 65 fathoms	64°06.8'S 62°45.1'W
	Add	Depths 23 fathoms	64°04.4'S 62°38.2'W
		38 fathoms	64°07.5'S 62°43.5'W
		4 fathoms 2 feet	64°16.7'S 62°34.1'W
		11 fathoms	64°21.0'S 62°41.1'W
29121	3Ed. 2/6/82 LAST NM 39/84		(3(210)85 Taunton) 9/85
	Delete	Depth 50 fathoms	63°54.6'S 61°00.3'W
	Add	Depths 18 fathoms	63°50.7'S 61°06.4'W
		12 fathoms	63°54.6'S 61°00.4'W
29121	3Ed. 2/6/82 LAST NM 9/85		(1(7)86 Buenos Aires) 17/86
	Add	Depth 40 fathoms	63°59'43"S 62°42'00"W
29121	3Ed. 2/6/82 LAST NM 17/86		(24(211)85 Buenos Aires) 22/86
	Delete	Depth 54 fathoms	63°59.5'S 62°41.0'W
29121	3Ed. 2/6/82 LAST NM 22/86		(6(46)86 Buenos Aires) 27/86
	Delete	Depth 40 fathoms	63°59'43"S 62°42'00"W
		(Supersedes 17/86-29121)	
★**29121**	3Ed. 2/6/82 LAST NM 27/86		(MCNM7824/86) 41/86
	Add	Depths 124 fathoms	63°00.6'S 58°35.1'W
		134 fathoms	63°15.5'S 59°18.4'W
		114 fathoms	63°30.6'S 61°53.2'W
		70 fathoms	63°49.0'S 61°09.0'W
		90 fathoms	63°12.0'S 61°59.5'W
29121	3Ed. 2/6/82 LAST NM 41/86		(38(2781)86 Taunton) 45/86
	Delete	Depth 23 fathoms	64°04.5'S 62°38.2'W
	Change	Lights to Fl 5s 372ft 5M	62°58.2'S 60°43.1'W
		Fl 5s 338ft 5M	62°58.9'S 60°40.0'W

(continued on next page)

29129	(Continued) Add	Depths 12 fathoms 26 fathoms	45/86 64°04.5'S 62°37.0'W 64°18.3'S 62°36.0'W
		Rock which covers and uncovers enclosed by danger circle	64°13.9'S 62°36.0'W
		Position circle "RT"	62°58.8'S 60°41.9'W
29129	3Ed. 2/6/82 LAST NM 45/86 Add	Anchorage symbol (large vessels)	(Arg CH H-713) 46/86 64°03.1'S 60°45.1'W
29129	3Ed. 2/6/82 LAST NM 46/86 Delete	Lights	(41(3016)86 Taunton) 52/86 62°58.2'S 60°43.1'W 62°58.9'S 60°40.0'W 62°59.9'S 60°35.4'W
29129	3Ed. 2/6/82 LAST NM 52/86 Add	Depth 9 fathoms 5 feet	(BA CH 3570) 17/87 63°38.6'S 60°45.9'W
29129	3Ed. 2/6/82 LAST NM 17/87 Delete	Light	(18(1416)87 Taunton) 31/87 64°16.5'S 61°59.1'W
*29129	3Ed. 2/6/82 LAST NM 31/87 Add	Danger circle "Shoal (rep 1987)"	(MCNM7967/87) 37/87 64°11.7'S 63°28.8'W
29129	3Ed. 2/6/82 LAST NM 37/87 Add	Depths 9 fathoms 3 feet 31 fathoms	(28(2134)87 Taunton) 50/87 63°03.2'S 60°58.0'W 63°02.5'S 60°57.9'W
29129	3Ed. 2/6/82 LAST NM 50/87 Add	Depths 10 fathoms 2 feet 11 fathoms	(49(3678)89 Taunton) 13/89 63°25.0'S 58°56.2'W 63°29.4'S 58°55.3'W
*29122	3Ed. 9/28/85 Add	NEW EDITION Legend "CAUTION 4"	(DMAHTC) 51/85 65°01.5'S 65°29.5'W
		Caution No. 4 to cautions note "4. The magnetic compass rose is misaligned and should not be used for navigation."	
29122	3Ed. 9/28/85 LAST NM 51/85 Delete	Depth 40 fathoms	65°17.0'S 63°47.5'W (6(46)86 Buenos Aires) 27/86 63°59'43"S 62°42'00"W
29122	3Ed. 9/28/85 LAST NM 27/86 Delete	Depth 23 fathoms	(38(2781)86 Taunton) 45/86 64°04.3'S 62°38.2'W
	Add	Depths 12 fathoms 26 fathoms	64°04.5'S 62°37.0'W 64°18.3'S 62°36.0'W
		Rock which covers and uncovers enclosed by danger circle	64°13.9'S 62°36.0'W
29122	3Ed. 9/28/85 LAST NM 45/86 Add	Bns	(BA CH 3570) 17/87 65°13.7'S 64°20.0'W 64°48.4'S 64°00.8'W 64°48.2'S 64°08.0'W
29122	3Ed. 9/28/85 LAST NM 17/87 Delete	Lights	(18(1416)87 Taunton) 31/87 64°16.4'S 61°59.1'W 64°33.4'S 62°44.0'W
29122	3Ed. 9/28/85 LAST NM 31/87 Add	Danger circle "Shoal (rep 1987)"	(MCNM7967/87) 37/87 64°11.7'S 63°28.8'W
29122	3Ed. 9/28/85 LAST NM 37/87 Add	Depth 16 fathoms	(28(2133)87 Taunton) 50/87 65°14.0'S 64°32.9'W
29122	3Ed. 9/28/85 LAST NM 50/87 Change	Legend "(4)" to "(59)"	(15(168)87 Valparaiso) 47/88 65°14.2'S 65°10.7'W
*29123	2Ed. 4/30/77	NEW EDITION	(DMAHC) 25/77
29123	2Ed. 4/30/77 LAST NM 25/77 Add	Depth 10 fathoms 5 feet	(33(1981)79 Taunton) 41/79 64°48'55"S 64°04'45"W

29123	2Ed. 4/30/77 LAST NM 41/79		(31(1716)80 Taunton) 42/80
		(And Plan)	
		Distances and bearings from Bonaparte Point Bn	
	Add	Dangerous submerged rock 1.383 yards 270°(t)	64°46.7'S 64°04.8'W
29124	1Ed. 10/2/67 LAST NM 30/73		(Chile CH 1501) 37/77
	Substitute	Depth 5 fathoms 3 feet for 56 fathoms	64°50'07"S 63°29'02"W
	Add	Depth 32 fathoms	64°44'11"S 63°16'40"W
29124	1Ed. 10/2/67 LAST NM 37/77		(BA CH 3570) 42/77
	Add	Depth 48 fathoms	64°38.1'S 62°17.5'W
29124	1Ed. 10/2/67 LAST NM 42/77		(32(1866)78 Taunton) 48/78
	Add	Depth 85 fathoms	64°37'16.5"S 62°46'12.0"W
29124	1Ed. 10/2/67 LAST NM 48/78		(NVS6031/80) 7/80
	Add	Depth 0 fathom 4 feet "Rep (1979)" (PA)	64°43'42"S 63°09'34"W
29124	1Ed. 10/2/67 LAST NM 7/80		(4(10)82 Buenos Aires) 40/82
	Substitute	Bn for light	64°43'00"S 62°53'10"W
29124	1Ed. 10/2/67 LAST NM 40/82		(NVS6955/83) 26/83
	Delete	Bns	64°33'01"S 62°48'31"W
			64°34'06"S 62°48'25"W
	Add	Legend "Exting (rep 1983)" to light	64°33'38"S 62°44'36"W
29124	1Ed. 10/2/67 LAST NM 26/83		(NVS6955/83) 27/83
	Delete	Bn (See 26/83-29124)	64°33'50"S 62°48'27"W
29124	1Ed. 10/2/67 LAST NM 27/83		(18(1416)87 Taunton) 31/87
	Delete	Light and legend "Rep Ext"	64°33.6'S 62°44.6'W
29124	1Ed. 10/2/67 LAST NM 31/87		(51(3869)88 Taunton) 18/89
	Add	Depths 4 fathoms	64°48'49"S 63°31'47"W
		16 fathoms	64°48'48"S 63°32'00"W
		19 fathoms	64°46'57"S 63°26'10"W
		4 fathoms	64°48'53"S 63°31'01"W
29125	1Ed. 10/16/67 LAST NM 6/74		(Chile CH 1501) 37/77
	Substitute	Depths 5 fathoms 3 feet for 56 fathoms	64°50'06"S 63°29'00"W
		27 fathoms for 70 fathoms	64°52'41"S 63°34'04"W
	Add	Depth 10 fathoms 2 feet	64°57'06"S 63°28'00"W
29125	1Ed. 10/16/67 LAST NM 37/77		(18(241)80 Valparaiso) 3/81
	Add	Bn (PA)	64°52.3'S 62°51.2'W
29125	1Ed. 10/16/67 LAST NM 3/81		(6(69)80 Valparaiso) 35/83
	Delete	Light	64°55.0'S 63°36.9'W
29125	1Ed. 10/16/67 LAST NM 35/83		(27(1776)84 Taunton) 36/84
	Add	Lights Fl 9.5s 5M	64°55'02"S 63°37'10"W
		Fl 5s 5M	64°52'42"S 63°35'54"W
★**29126**	2Ed. 3/4/78	NEW EDITION	(DMAHC, 5(52), 17(219)77 Valparaiso) 16/78
	Substitute	Depths 5 fathoms 3 feet for 56 fathoms	64°49'56"S 63°28'20"W
		27 fathoms for 70 fathoms	64°52'31"S 63°33'27"W
		(Previously published 37/77)	
	Add	Depth 10 fathoms 2 feet	64°57'00"S 63°27'30"W
		(Previously published 37/77)	
	Add	Light Fl 5sec 7M	64°54'46"S 63°35'55"W
29126	2Ed. 3/4/78 LAST NM 16/78		(33(1981)79 Taunton) 41/79
	Add	Depth 10 fathoms 5 feet	64°48'55"S 64°04'50"W
29126	2Ed. 3/4/78 LAST NM 41/79		(6(69)80 Valparaiso) 27/80
	Delete	Light	64°54'46"S 63°35'55"W

29126 2Ed. 3/4/78 LAST NM 27/80
Add Dangerous submerged rock
(31(1716)80 Taunton) 42/80
64°46'41"S 64°05'22"W

29126 2Ed. 3/4/78 LAST NM 42/80
Delete Bns
(NVS6955/83) 26/83
64°48'40"S 63°30'40"W
64°51'54"S 63°43'06"W

Add Legend "Exting (rep 1983)" to lights
64°53'10"S 63°57'03"W
64°52'38"S 63°35'52"W

29126 2Ed. 3/4/78 LAST NM 26/83
Add Lights Fl 9.5s 5M
Fl 5s 5M
(27(1776)84 Taunton) 36/84
64°54'50"S 63°36'13"W
64°52'30"S 63°35'00"W

29126 2Ed. 3/4/78 LAST NM 36/84
Change Visibility (range) of light to 7M
(15(143)84 Valparaiso) 15/85
64°54'50"S 63°36'13"W

29126 2Ed. 3/4/78 LAST NM 15/85
Change Characteristic of light to Fl 12.5s
(BA LL) 28/85
64°54'52.5"S 63°36'17.0"W

29126 2Ed. 3/4/78 LAST NM 28/85
Add Depths 4 fathoms 3 feet
4 fathoms 5 feet
16 fathoms 2 feet
24 fathoms
(51(3869)88 Taunton) 18/89
64°48'40"S 63°30'14"W
64°48'37"S 63°31'05"W
64°48'36"S 63°31'14"W
64°46'22"S 63°32'09"W

*29127 2Ed. 7/10/76 NEW EDITION
(DMAHC) 35/76

29127 2Ed. 7/10/76 LAST NM 35/76
Add Depths 22 fathoms in
48 fathoms
(19(1128)77 Taunton) 28/77
66°00.1'S 65°34.0'W
65°59.9'S 65°30.9'W

29127 2Ed. 7/10/76 LAST NM 28/77
Add Depths 26 fathoms in
35 fathoms
75 fathoms "Rep (1977)"
50 fathoms "Rep (1977)"
35 fathoms "Rep (1977)"
38 fathoms "Rep (1977)"
27 fathoms "Rep (1977)"
16 fathoms "Rep (1977)"
19 fathoms "Rep (1977)"
(26(1512, 1513)77 Taunton) 36/77
66°25.5'S 66°21.2'W
66°22.8'S 66°15.8'W
65°23.0'S 64°38.5'W
65°27.0'S 64°34.3'W
65°28.0'S 64°35.3'W
65°29.8'S 64°36.1'W
65°42.8'S 64°49.5'W
65°56.6'S 65°17.8'W
65°56.8'S 65°15.9'W

Submerged rock in
(PA)
"Rep (1977)"
65°39.7'S 64°45.3'W
65°40.1'S 64°45.5'W
65°48.7'S 65°21.0'W
65°50.3'S 64°56.5'W

Rock awash (PA)
65°48.0'S 65°13.7'W

29127 2Ed. 7/10/76 LAST NM 36/77
Add Depths 17 fathoms in
19 fathoms
(BA CH 3571) 38/77
66°07.5'S 66°19.0'W
66°21.0'S 66°45.0'W

Anchorage symbol (large vessels)
66°19.8'S 66°58.0'W

29127 2Ed. 7/10/76 LAST NM 38/77
Delete Light and legend "Bn"
(29(1691)78 Taunton) 47/78
65°10.5'S 64°29.5'W

29127 2Ed. 7/10/76 LAST NM 47/78
Add Dangerous submerged rock
Depth 14 fathoms
(Arg CH H-715) 9/79
65°59.7'S 65°53.0'W
65°59.6'S 65°54.5'W

29127 2Ed. 7/10/76 LAST NM 9/79
Delete Light
(46(2504)80 Taunton) 1/81
66°22.8'S 67°10.6'W

29127 2Ed. 7/10/76 LAST NM 1/81
Add Rock which does not cover
(18(290)81 Valparaiso) 17/82
66°22.8'S 67°10.6'W

29127 2Ed. 7/10/76 LAST NM 17/82
Add Depths 23 fathoms
10 fathoms 5 feet
(Arg CH H-715; 11(680)82 Taunton) 33/82
65°31.1'S 64°37.5'W
65°59.6'S 65°34.2'W

29127 2Ed. 7/10/76 LAST NM 33/82
Add Depth 17 fathoms "Rep (1974)"
(23(1358)82 Taunton) 44/82
65°17.7'S 67°45.5'W

29127	2Ed. 7/10/76 LAST NM 44/82		(17(120)82 Buenos Aires) 8/82
	Add	Chartlet, depicting changes in topography and hydrography, from back of Section I	66°00.0'S 66°00.0'W
29127	2Ed. 7/10/76 LAST NM 8/83		(NVS7139/83) 1/84
	Delete	Depth 12 fathoms and enclosing depth contour	65°27.3'S 64°23.6'W
	Add	Depth 12 fathoms	65°22.6'S 64°25.3'W
29127	2Ed. 7/10/76 LAST NM 1/84		(13(850)84 Taunton) 21/84
	Add	Depth 6 fathoms	65°44.6'S 65°00.6'W
29127	2Ed. 7/10/76 LAST NM 21/84		(20(1291)84 Taunton) 29/84
	Add	Depths 84 fathoms	65°32.6'S 66°19.0'W
		18 fathoms	65°55.5'S 66°12.3'W
		60 fathoms	66°01.4'S 66°20.2'W
		89 fathoms	66°22.4'S 67°50.9'W
		Rock awash (PA)	65°44.0'S 66°16.5'W
29127	2Ed. 7/10/76 LAST NM 29/84		(31(2012, 2013)84 Taunton; Arg CH H716) 39/84
	Delete	Depth 110 fathoms	66°00.5'S 65°37.2'W
	Add	Depths 25 fathoms	66°00.7'S 65°37.4'W
		46 fathoms	65°40.5'S 66°33.0'W
		Dangerous submerged rock	66°00.5'S 65°54.7'W
			66°03.2'S 65°56.9'W
			66°21.4'S 67°15.0'W
			66°21.4'S 67°15.3'W
		Submerged rock (PD) (See 8/83-29127)	66°02.2'S 66°00.6'W
29127	2Ed. 7/10/76 LAST NM 39/84		(3(211)85 Taunton) 9/85
	Delete	Depth 50 fathoms "Rep (1977)"	65°27.0'S 64°34.3'W
	Add	Depths 24 fathoms	65°26.85'S 64°34.30'W
		29 fathoms	65°28.40'S 64°29.80'W
29127	2Ed. 7/10/76 LAST NM 9/85		(BA CH 3573) 15/85
	Substitute	Depth 10 fathoms for 12 fathoms	65°16.8'S 64°23.1'W
	Add	Depths 17 fathoms	65°50.2'S 64°57.2'W
		18 fathoms	65°50.5'S 64°58.2'W
		11 fathoms	65°50.8'S 64°58.2'W
		21 fathoms	65°18.8'S 64°15.7'W
		19 fathoms	65°19.2'S 64°20.0'W
		19 fathoms	65°17.6'S 64°19.4'W
		20 fathoms	65°18.0'S 64°23.0'W
		16 fathoms	65°17.3'S 64°26.4'W
		18 fathoms	65°18.0'S 64°27.1'W
		14 fathoms	65°17.7'S 64°29.1'W
		13 fathoms	65°16.9'S 64°30.1'W
		23 fathoms	65°14.6'S 64°33.0'W
		16 fathoms	65°14.6'S 64°30.5'W
		8¼ fathoms	65°14.9'S 64°30.4'W
		20 fathoms	65°15.3'S 64°30.3'W
		9¾ fathoms	65°16.5'S 64°28.3'W
		15 fathoms	65°17.7'S 64°27.3'W
29127	2Ed. 7/10/76 LAST NM 15/85		(BA CH 3573) 19/85
	Substitute	8 fathoms 2 feet for 8¼ fathoms	65°14.9'S 64°30.4'W
		9 fathoms 4 feet for 9¾ fathoms (See 15/85-29127)	65°16.5'S 64°28.3'W
29127	2Ed. 7/10/76 LAST NM 19/85		(44(3229)86 Taunton) 8/87
	Add	Depths 37 fathoms	65°22.7'S 64°25.0'W
		31 fathoms	65°26.6'S 64°29.2'W
		24 fathoms	65°59.0'S 65°29.9'W
29127	2Ed. 7/10/76 LAST NM 8/87		(5(382)87 Taunton) 13/87
	Add	Depths 3 fathoms 1 foot	66°01'28"S 66°06'31"W
		9 fathoms 2 feet (PA)	66°06'31"S 66°13'45"W

29127	2Ed. 7/10/76 LAST NM 13/87		(BA CH 3570) 17/87
	Add	Rock awash "Breaks" (PA)	65°40.5'S 66°18.0'W
		Anchorage symbol (large vessels)	65°26.4'S 65°26.0'W
		Bn	65°13.8'S 64°20.0'W
		Depths 98 fathoms	65°32.0'S 66°28.0'W
		86 fathoms	65°35.3'S 66°11.6'W
		98 fathoms	66°14.6'S 66°30.0'W
		140 fathoms	66°10.1'S 65°49.0'W
		50 fathoms	66°12.2'S 65°54.0'W
		162 fathoms	66°13.5'S 65°55.5'W
		50 fathoms	66°14.6'S 65°58.3'W
		397 fathoms	66°16.0'S 66°01.1'W
		83 fathoms	66°17.5'S 66°04.0'W
		82 fathoms	66°20.0'S 66°08.1'W
		73 fathoms	66°21.1'S 66°11.1'W
		168 fathoms	66°21.6'S 66°09.6'W
29127	2Ed. 7/10/76 LAST NM 17/87		(110/870)87 Taunton) 29/87
	Add	Depths 14 fathoms	66°00.9'S 65°41.0'W
		33 fathoms	66°15.0'S 66°29.0'W
		19 fathoms	66°22.3'S 66°43.0'W
29127	2Ed. 7/10/76 LAST NM 29/87		(28(2133)87 Taunton) 50/87
	Add	Depth 16 fathoms	65°13.75'S 64°33.50'W
29127	2Ed. 7/10/76 LAST NM 50/87		(15(168)87 Valparaiso) 47/88
	Change	Legend "(4)" to "(59)"	65°14.2'S 65°10.7'W
★29128	3Ed. 5/31/86	NEW EDITION	(DMAHTC) 31/86
29128	3Ed. 5/31/86 LAST NM 31/86		(MCNM7868/86) 2/87
	Delete	Depth 159 meters	64°10.7'S 56°25.6'E
★29141	3Ed. 8/6/88	NEW EDITION	(DMAHTC, 12(107)88 Buenos Aires) 42/88
	Add	Rock which does not cover (2)	67°44.6'S 68°22.4'W
★29142	2Ed. 6/4/83	NEW EDITION	(DMAHTC) 32/83
	Change	Legends "Southern Limits of Ice Pack, February-March" to "Limits of Ice Pack, February-March"	
			68°23.7'S 67°36.2'W
			68°25.9'S 68°51.4'W
			68°23.0'S 70°20.5'W
29142	2Ed. 6/4/83 LAST NM 32/83		(NVS7139/83) 3/84
	Delete	Dangerous submerged rock (PA)	67°45.7'S 69°10.2'W
		Dangerous submerged rock (PD)	67°44.4'S 69°04.6'W
			67°42.2'S 69°12.0'W
			67°44.6'S 69°13.6'W
		Islets	
		(ED)	67°43.8'S 66°57.3'W
		(ED)	67°40.7'S 69°21.7'W
			67°40.9'S 69°19.9'W
	Substitute	Depth 86 meters for 36 meters	69°49.8'S 68°46.0'W
29142	2Ed. 6/4/83 LAST NM 3/84		(NVS7139/83) 6/84
	Substitute	Depth 86 meters for 36 meters (See 3/84-29142)	67°49.8'S 68°46.0'W
29142	2Ed. 6/4/83 LAST NM 6/84		(39(2554)84 Taunton) 45/84
	Delete	Depth 311 meters	68°15.8'S 71°52.3'W
	Add	Depth 137 meters	68°16.4'S 71°50.0'W
29142	2Ed. 6/4/83 LAST NM 45/84		(7(42)84 Buenos Aires) 19/85
	Add	Bn, red, (PA)	68°11'12"S 67°14'45"W
29142	2Ed. 6/4/83 LAST NM 19/85		(HNNM7647/85) 1/86
	Delete	Submerged rock symbol	67°45.5'S 69°06.5'W
		Note: Depth 8.5 meters remains	
		Submerged rock and enclosing blue tint	67°46.4'S 69°02.4'W
29142	2Ed. 6/4/83 LAST NM 1/86		(18(1354)86 Taunton) 39/86
	Add	Danger circle "Shoal (rep 1986)"	62°32.8'S 69°02.5'W

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29142	2Ed. 6/4/83 LAST NM 39/86		(18(1354), 38(2782)86 Taunton) 45/86
	Delete	Depth 106 meters	67°53.1'S 67°22.5'W
	Add	Depths 41 meters	67°53.1'S 67°21.6'W
		40 meters "Rep (1986)"	67°47.7'S 67°44.7'W
		Danger circle "Shoal (rep 1986)" (Cancels 39/86-29142)	68°32.8'S 69°02.5'W
29142	2Ed. 6/4/83 LAST NM 45/86		(44(3230)86 Taunton) 8/87
	Delete	Danger circle "Shoal (rep 1986)" (See 45/86-29142)	68°32.8'S 69°02.5'W
	Add	Depths 4 meters	68°32.6'S 69°01.0'W
		29 meters	68°51.1'S 67°51.7'W
29142	2Ed. 6/4/83 LAST NM 8/87		(166(1239)88 Taunton) 25/88
	Add	Depth 56 meters	68°20'S 70°51'W
29142	2Ed. 6/4/83 LAST NM 25/88		(23(1771)88 Taunton) 38/88
	Delete	Depth 56 meters (Cancels 25/88-29142)	68°20'S 70°51'W
29142	2Ed. 6/4/83 LAST NM 38/88		(12(107)88 Buenos Aires) 42/88
	Add	Rock which does not cover (2)	67°44.6'S 68°22.4'W
29180	1Ed. 8/14/61 LAST NM 1A/71		(MCNM7880/87) 5/87
	Change	Note in lower left margin of chart to "Users should refer corrections, additions, and comments for improving this product to: DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/ TOPOGRAPHIC CENTER, ATTN: PR, Washington, D.C. 20135-0030."	
★**29200**	4Ed. 8/5/78	NEW EDITION	(DMAHTC) 38/78
29281	1Ed. 11/24/69 LAST NM 1A/71		(MCNM7926/87) 33/87
	Add	Note in lower left margin of chart "Users should refer corrections, additions, and comments for improving this product to: DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/ TOPOGRAPHIC CENTER, ATTN: PR, Washington, D.C. 20315-0030."	
29282	2Ed. 9/62 LAST NM 1A/71		(MCNM7880/87) 5/87
	Change	Note in lower left margin of chart to "Users should refer corrections, additions and comments for improving this product to: DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/ TOPOGRAPHIC CENTER, ATTN: PR, Washington, D.C. 20315-0030."	
29282	2Ed. 9/62 LAST NM 5/87		(MCNM1016/89) 8/89
	Add	Note in lower center margin of chart "CAUTION Scott Island has been reported to lie approximately 1.2 miles north of charted position."	
	Add	(And Plan) Legend "SEE CAUTION NOTE"	67°24.0'S 179°54.0'W
★**29321**	5Ed. 3/11/78	NEW EDITION	(DMAHC) 17/78

29321	5Ed. 3/11/78 LAST NM 17/78 Add	Depth 109 fathoms (PA)	(HNNM7573/85) 39/85 76°30'S 166°45'E
★29322	3Ed. 9/20/65 LAST NM 21/73 Add	Depth 130 fathoms	(RS1341/75) 4/76 77°45.3'S 166°08.8'E
29323	3Ed. 12/8/69 LAST NM 1A/71 Change	Note in lower left margin of chart to "Users should refer corrections, additions, and comments for improving this product to: DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/ TOPOGRAPHIC CENTER, ATTN: PR, Washington, D.C. 20315-0030."	(DMAHTC) 40/86
29324	2Ed. 10/13/58 LAST NM 1A/71 Change	Note in lower left margin of chart to "Users should refer corrections, additions, and comments for improving this product to: DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/ TOPOGRAPHIC CENTER, ATTN: PR, Washington, D.C. 20315-0030."	(DMAHTC) 40/86
29325	1Ed. 9/23/57 LAST NM 1A/71 Change	Note in lower left margin of chart to "Users should refer corrections, additions, and comments for improving this product to: DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/ TOPOGRAPHIC CENTER, ATTN: PR, Washington, D.C. 20315-0030."	(DMAHTC) 40/86
29720	1Ed. 9/16/57 LAST NM 1A/71 Add	Note in lower left margin of chart "Users should refer corrections, additions and comments for improving this product to: DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/ TOPOGRAPHIC CENTER, ATTN: PR, Washington, D.C. 20315-0030."	(MCNM7880/87) 5/87
29720	1Ed. 9/16/57 LAST NM 5/87 Add	Depths 108 fathoms 27 fathoms 155 fathoms	(BA CH 3170) 14/87 70°12'S 6°08'W 70°39'S 8°00'W 70°33'S 7°46'W
★29741	2Ed. 3/6/82	NEW EDITION	(DMAHTC) 19/82
29741	2Ed. 3/6/82 LAST NM 19/82		(NVS7138/83) 1/84
	Add	(Plan A) Depth 94 fathoms 110 fathoms	77°03.9'S 33°18.1'W 77°09.1'S 33°29.4'W
	Add	(Plan B) Depths 144 fathoms 155 fathoms	75°01.2'S 25°56.4'W 75°02.3'S 26°50.2'W
	Add	(Plan C) Depth 99 fathoms	73°59.4'S 23°02.3'W
★29781	2Ed. 1/26/85	NEW EDITION	(DMAHTC) 14/85

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19Ed. 2/28/81 NEW EDITION
Add Depth 25 meters enclosed by danger circle
(Previously published 13/81)

19Ed. 2/28/81 LAST NM 20/81
Add Wreck

19Ed. 2/28/81 LAST NM 52/82
Change Visibility (range) of lights to 29M
24/12M
25M

Light to Gp Fl 25M, FR 11M

Add Depths 68 meters
125 meters

19Ed. 2/28/81 LAST NM 53/83
Substitute Depth 23 meters for 28 meters

Add Depths 93 meters
99 meters
99 meters

19Ed. 2/28/81 LAST NM 19/84
Add Depth 4.5 meters Obstr "Rep (1983)" (PA)

19Ed. 2/28/81 LAST NM 22/84
Delete Depth 4.5 meters Obstr "Rep (1983)" (PA)
(Supersedes 22/84-61000)

19Ed. 2/28/81 LAST NM 39/84
Add Superbuoy "ODAS" Fl(5) 20s

19Ed. 2/28/81 LAST NM 33/85
Add Danger circle with legend "Unexploded ordnance (1985)"

19Ed. 2/28/81 LAST NM 17/86
Change Light to Fl(2) 11M

19Ed. 2/28/81 LAST NM 19/86
Change Visibility (range) of light to 15M
(See 19/86-61000)

19Ed. 2/28/81 LAST NM 26/86
Add Danger circle "Unexploded ordnance rep (1986)" (PA)

19Ed. 2/28/81 LAST NM 8/87
Add Buoy Y, spherical, Fl(2) Y 20s

19Ed. 2/28/81 LAST NM 19/87
Add Danger circle "Unexploded Ordnance (1987)", radius 1 mile, centered

19Ed. 2/28/81 LAST NM 29/87
Add Depth 33 meters "Rep (1987)"

19Ed. 2/28/81 LAST NM 33/87
Relocate Buoy
(34°05.0'S 25°41.9'E) tc
(See 19/87-61000)

16Ed. 6/19/82 NEW EDITION

16Ed. 6/19/82 LAST NM 38/82
Change Light to Fl 13M

16Ed. 6/19/82 LAST NM 47/82
Add Depths 51 fathoms
54 fathoms
54 fathoms
72 fathoms

(DMAHTC; 2(64)81 Brest) 20/81

34°27.5'N 21°18.4'E

(US CH 61040) 52/82
35°00.8'S 20°02.1'E

(SAN CH 56; SAN LL) 53/83
33°25.9'S 18°05.3'E
33°48.9'S 18°22.6'E
33°54.1'S 18°24.0'E

33°53.0'S 18°29.1'E

35°43.8'S 20°39.1'E
35°14.6'S 19°57.2'E

(SAN CH 4) 19/84
34°12.0'S 24°25.9'E

34°15.0'S 25°31.0'E
34°17.5'S 25°45.0'E
34°18.5'S 25°54.5'E

(11(82T)83 Cape Town) 22/84

34°52.3'S 19°59.5'E

(5(54)84 Cape Town) 39/84

34°52.3'S 19°59.5'E

(6(52)85 Cape Town) 33/85
34°25'S 22°00'E

(9(85)85 Cape Town) 17/86

34°34.4'S 23°39.8'E

(3(31)86 Cape Town) 19/86
34°06.5'S 23°23.9'E

(4(39)86 Cape Town) 26/86
34°06.5'S 23°23.9'E

(12(105)86 Cape Town) 8/87

34°06.5'S 26°10.5'E

(1(16)87 Cape Town) 19/87
34°05.0'S 25°41.9'E

(5(41)87 Cape Town) 29/87

34°27.0'S 18°26.5'E

(20(1551)87 Taunton) 33/87
35°07.0'S 19°56.0'E

(11(69)87 Cape Town) 4/88

34°05.3'S 25°41.9'E

(DMAHTC) 38/82

(9(69)82 Cape Town) 47/82
31°19.7'S 29°57.7'E

(SAN CH 4) 19/84
34°15.2'S 25°31.5'E
34°17.4'S 25°45.0'E
34°18.2'S 25°55.0'E
33°13.5'S 28°05.9'E

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61003	16Ed. 6/19/82 LAST NM 19/84		(8(80)84 Cape Town, BA LL) 3/85
	Delete	Legend "(FD)" from light	33°02.2'S 27°54.0'E
	Change	Light to Fl R 5M	33°36.5'S 26°54.0'E
61003	16Ed. 6/19/82 LAST NM 3/85		(4(40)85 Cape Town) 26/85
	Add	"EXPLOSIVES DUMPING AREA" bound by purple dashed-line circle, radius 5 miles, centered	30°28'S 31°21'E
61003	16Ed. 6/19/82 LAST NM 26/85		(SAN CH 128, 129) 11/86
	Add	Legend "Rep (1974)" to depth 22 fathoms	31°59.4'S 29°18.0'E
		Depth 19 fathoms	32°45.1'S 28°70.8'E
61003	16Ed. 6/19/82 LAST NM 11/86		(BA CH 2088) 24/86
	Add	Depth 110 fathoms	28°46.0'S 32°34.5'E
61003	16Ed. 6/19/82 LAST NM 24/86		(4(40)86 Cape Town) 26/86
	Change	Visibility (range) of light to 15M	31°19.7'S 29°57.7'E
61003	16Ed. 6/19/82 LAST NM 26/86		(8(80)86 Cape Town) 41/86
	Add	Light Fl 25M (occas)	29°51.5'S 31°01.3'E
61003	16Ed. 6/19/82 LAST NM 41/86		(12(105)86 Cape Town) 8/87
	Add	Danger circle "Unexploded ordnance rep (1986)" (PA)	34°06.5'S 26°10.5'E
61003	16Ed. 6/19/82 LAST NM 8/87		(BA CH 2087) 14/89
	Change	Light legends to "Fl 13M"	31°38.2'S 29°31.0'E
		"Fl 26M"	30°45.7'S 30°28.9'E
★61015	7Ed. 3/31/84	NEW EDITION	(DMAHTC) 22/84
61015	7Ed. 3/31/84 LAST NM 22/84		(20(1265)84 Taunton) 28/84
	Add	Overfalls symbol within 1 square mile area centered	3°18.9'S 40°42.7'E
61015	7Ed. 3/31/84 LAST NM 28/84		(24(1555)84 Taunton) 33/84
	Add	Overfalls area, 1 mile square, centered	3°22.0'S 40°59.0'E
61015	7Ed. 3/31/84 LAST NM 33/84		(34(2219)84 Taunton) 44/84
	Add	Light Fl 5M	0°26.5'S 42°31.4'E
61015	7Ed. 3/31/84 LAST NM 44/84		(NVS7344/84) 45/84
	Delete	Depth 8 fathoms "Rep (1981)"	2°23.0'S 41°13.0'E
61015	7Ed. 3/31/84 LAST NM 45/84		(23(33)85 Brest) 32/85
	Substitute	S. cardinal light beacon: YB, double cone topmark points downward, Q(6) + L Fl 15s for buoy	2°39.9'S 40°34.0'E
	Add	E. cardinal buoy: BYB, pillar, double cone topmark bases together, Q(3) 10s	2°25.7'S 40°51.0'E
		Note "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region A. For further explanation, see annual NM 1(6) and Chart No. 1."	2°07.0'S 38°19.0'E
61015	7Ed. 3/31/84 LAST NM 32/85		(41(2984)86 Taunton) 49/86
	Change	Light to Fl 15M	6°48.0'S 39°20.6'E
★61018	3Ed. 5/16/81	NEW EDITION	(DMAHTC) 27/81
61018	3Ed. 5/16/81 LAST NM 27/81		(NVS6507/81) 42/81
	Add	Depth 4 fathoms "Rep (1981)"	0°02.5'S 43°03.0'E

018	3Ed. 5/16/81 LAST NM 42/81		(34(2219)84 Taunton) 44/84
	Add	Light Fl 5M	0°26.5'S 42°30.0'E
020	1Ed. 7/26/86	NEW CHART	(DMAHTC: 6(57)86 Cape Town) 41/86
	Add	Light Fl 25M R Bn	27°33.0'S 32°41.1'E
020	1Ed. 7/26/86 LAST NM 41/86		(MCNM8(86/88) 16/88
	Delete	Legend "Submerged Wellhead (ED)"	25°00.5'S 34°23.0'E
	Add	Danger circle "Subm Wellhead"	25°02.6'S 34°19.5'E
021	2Ed. 3/27/82	NEW EDITION	(DMAHTC) 25/82
021	2Ed. 3/27/82 LAST NM 25/82		(DMAHTC) 41/84
	Delete	Plans A (Eil Marina)	10°00.0'N 48°00.0'E
		B (Ras Illigh)	8°30.0'N 47°30.0'E
		Legends "(Plan A)"	7°58.0'N 49°42.0'E
		"(Plan B)"	7°48.0'N 49°59.0'E
021	2Ed. 3/27/82 LAST NM 41/84		(49(3596)86 Taunton) 10/87
	Add	Light F 8M (PA)	9°29.0'N 50°49.0'E
021	2Ed. 3/27/82 LAST NM 10/87		(MCNM7915/87) 11/87
	Relocate	Light close SE to	10°26.1'N 51°24.9'E
		and change to Fl(2) 35s 351ft 4M	
036	7Ed. 1/26/85	NEW EDITION	(DMAHTC: BA CH 721) 14/85
	Add	Depth 9 fathoms	5°12.8'S 56°56.5'E
		10 fathoms	4°20.8'S 55°53.8'E
036	7Ed. 1/26/85 LAST NM 14/85		(30(1984)85 Taunton) 38/85
	Add	Depth 20 fathoms with legend "Correira Bank"	6°29.0'S 57°10.0'E
036	7Ed. 1/26/85 LAST NM 38/85		(HNNM7738/86) 16/86
	Add	Purple dashed lines joining	3°43.0'S 55°33.0'E
			4°26.0'S 55°32.0'E
			4°30.0'S 55°39.0'E
			4°51.0'S 55°42.5'E
			5°16.5'S 55°30.0'E
		joining	5°13.0'S 55°23.0'E
			4°48.5'S 55°34.5'E
			4°37.0'S 55°33.5'E
		between	04°33.0'S 55°26.0'E
			03°43.0'S 55°25.0'E
		Legend "See Routes Note"	5°08.0'S 55°30.0'E
			3°50.0'S 55°29.0'E
		Note "PORT VICTORIA APPROACH ROUTES Vessels entering or leaving Port Victoria are required, as far as practicable, to stay within the northern and southern charted approach limits indicated by purple dashed lines."	4°49.5'S 53°06.0'E
036	7Ed. 1/26/85 LAST NM 16/86		(18(1394)88 Taunton) 31/88
	Add	Depths 11½ fathoms "Rep (1988)"	5°37.5'S 56°54.1'E
		18 fathoms "Rep (1988)"	5°35.3'S 56°59.4'E
036	7Ed. 1/26/85 LAST NM 31/88		(22(1691)88 Taunton) 33/88
	Add	Depth 12 fathoms "Rep (1987)"	5°12.4'S 55°27.5'E
036	7Ed. 1/26/85 LAST NM 33/88		(28(2125)88 Taunton) 37/88
	Add	Depths 12 fathoms	5°07.8'S 55°42.1'E
		13 fathoms	5°16.5'S 55°36.9'E
		26 fathoms	6°42.2'S 56°31.8'E

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61036	7Ed. 1/26/85 LAST NM 37/88		(32(2445, 2446)88 Taunton) 41/88
	Add	Depths 14 fathoms	5°06.7'S 56°31.5'E
		12 fathoms	5°10.4'S 56°29.5'E
		6 fathoms	7°13.8'S 56°57.1'E
61036	7Ed. 1/26/85 LAST NM 41/88		(40(3022)88 Taunton) 52/88
	Substitute	Depth 9¼ fathoms for 12 fathoms	6°27.8'S 56°11.2'E
	Add	Depths 8 fathoms	5°11.8'S 56°48.9'E
		9¼ fathoms	5°12.5'S 56°54.4'E
		3 fathoms	5°27.2'S 57°03.2'E
		11½ fathoms	5°29.3'S 56°51.3'E
		8 fathoms	5°37.0'S 56°56.1'E
		10¾ fathoms	5°39.4'S 56°28.1'E
		17 fathoms	5°43.2'S 56°50.2'E
		9¾ fathoms	5°52.2'S 56°19.8'E
		5½ fathoms	6°14.5'S 56°23.9'E
		7½ fathoms	6°19.5'S 56°24.8'E
		5½ fathoms	6°19.9'S 56°03.8'E
		6 fathoms	6°21.8'S 56°24.0'E
		5½ fathoms	6°25.2'S 56°21.0'E
61036	7Ed. 1/26/85 LAST NM 52/88		(BA LL) 10/89
	Change	Characteristic of light to L Fl 10s	5°40.2'S 53°42.2'E
★61040	5Ed. 4/24/82	NEW EDITION	(DMAHTC) 29/82
61040	5Ed. 4/24/82 LAST NM 29/82		(SAN CH 120, 121; US LL) 27/83
	Change	Light to Fl 4s 33ft 5M	34°35.1'S 19°20.5'E
	Add	Depth 17 fathoms	34°26.8'S 21°09.9'E
		Anchorage symbol (large vessels)	34°24.6'S 20°52.4'E
		Dangerous submerged rock	34°28.4'S 20°51.4'E
		Legend "Foul Area"	34°51.1'S 19°59.0'E
61040	5Ed. 4/24/82 LAST NM 27/83		(SAN CH 56) 53/83
	Add	Depths 37 fathoms	35°43.8'S 20°39.1'E
		68 fathoms	35°14.6'S 19°57.2'E
		61 fathoms	34°31.8'S 18°42.7'E
61040	5Ed. 4/24/82 LAST NM 53/83		(11(82T)83 Cape Town) 22/84
	Add	Depth 2 fathoms 3 feet Obstr "Rep (1983)" (PA)	34°52.3'S 19°59.6'E
61040	5Ed. 4/24/82 LAST NM 22/84		(5(54)84 Cape Town) 39/84
	Delete	Depth 2 fathoms 3 feet Obstr "Rep (1983)" (PA) (Supersedes 22/84-61040)	34°52.3'S 19°59.6'E
	Add	Depth 2 fathoms 3 feet	34°51.1'S 20°00.0'E
61040	5Ed. 4/24/82 LAST NM 39/84		(6(53)85 Cape Town) 32/85
	Delete	Light	34°08.2'S 18°34.9'E
61040	5Ed. 4/24/82 LAST NM 32/85		(7(62)85 Cape Town) 36/85
	Change	Buoy to E. cardinal buoy: BYB, pillar, Q(3) 10s BELL	34°14.7'S 18°34.1'E
61040	5Ed. 4/24/82 LAST NM 36/85		(5(50)86 Cape Town) 27/86
	Substitute	Dangerous wreck for stranded wreck	34°48.4'S 20°05.5'E
61040	5Ed. 4/24/82 LAST NM 27/86		(5(41)87 Cape Town; DMAHTC) 29/87
	Delete	Purple outline of chart 57482	34°27.7'S 18°21.8'E
	Add	Danger circle "Unexploded Ordnance (1987)", radius 1 mile, centered	34°27.0'S 18°26.5'E
		Purple outline of chart 57482 joining	34°24.5'S 18°25.0'E
			34°24.5'S 18°56.4'E
			34°04.5'S 18°56.4'E
			34°04.5'S 18°25.0'E
			34°24.5'S 18°25.0'E
61040	5Ed. 4/24/82 LAST NM 29/87		(20(1551)87 Taunton) 33/87
	Add	Depth 18 fathoms "Rep (1987)"	35°06'54"S 19°56'50"E

61040 5Ed. 4/24/82 LAST NM 33/87
Substitute Depth 17 fathoms "Rep (1987)" for 18 fathoms "Rep (1987)"
(Supersedes 33/87-61040)

*61050 3Ed. 3/14/81 NEW EDITION

61050 3Ed. 3/14/81 LAST NM 21/81
Add Stranded wreck

61050 3Ed. 3/14/81 LAST NM 41/82
Add Superbuoy "ODAS" Fl(5) 20s

61050 3Ed. 3/14/81 LAST NM 33/85
Add Danger circle with legend "Unexploded ordnance (1985)"

61050 3Ed. 3/14/81 LAST NM 17/86
Change Light to Fl(2) 30s 472ft 11M

61050 3Ed. 3/14/81 LAST NM 19/86
Change Visibility (range) of light to 15M
(See 19/86-61050)

61050 3Ed. 3/14/81 LAST NM 26/86
Add Stranded wreck

61050 3Ed. 3/14/81 LAST NM 51/86
Add Buoys and "Anchoring and Trawling Prohibited" areas bound by purple composite line circle, each radius 2 miles, centered

(27(2018)87 Taunton) 41/87

35°06'54"S 19°56'50"E

(DMAHTC) 21/81

(3(30)82 Cape Town) 41/82
34°21.6'S 21°52.5'E

(6(52)85 Cape Town) 33/85
34°25'S 22°00'E

(9(85)85 Cape Town) 17/86

34°34.4'S 23°39.8'E

(3(31)86 Cape Town) 19/86
34°06.4'S 23°24.2'E

(4(39)86 Cape Town) 26/86
34°06.4'S 23°24.2'E

(9(88)86 Cape Town) 51/86
34°22.6'S 21°49.2'E

(6(46)87 Cape Town) 43/87

34°20'15"S 21°57'20"E
34°27'30"S 22°00'00"E
34°38'00"S 22°03'20"E
34°46'30"S 22°05'30"E

61050 3Ed. 3/14/81 LAST NM 43/87
Add HORN at light

(BA CH 2085) 13/89
34°12.7'S 24°50.0'E

*61051 6Ed. 9/21/85 NEW EDITION
Add (And Plan)
"Dumping Ground (Anchors and Chains)" bound by dashed line joining

(DMAHTC; 8(75)85 Cape Town) 50/85

34°09.1'S 22°07.0'E
34°09.8'S 22°07.0'E
34°09.8'S 22°07.7'E
34°09.1'S 22°07.0'E

61051 6Ed. 9/21/85 LAST NM 50/85
Add Position circle (accurate)
"Current meter"

(1(105)85 Cape Town) 26/86

34°13.1'S 22°05.3'E

61051 6Ed. 9/21/85 LAST NM 26/86
Delete Position circle "Current meter"

(2(21)88 Cape Town) 25/88
34°13.1'S 22°05.3'E

61051 6Ed. 9/21/85 LAST NM 25/88
(And Plan)
Change Characteristic of lights to QR
FG
FR
FR (occas)
FR (occas)

(8(49)88 Cape Town) 45/88

34°10'30"S 22°08'52"E
34°10'35"S 22°08'48"E
34°10'46"S 22°08'54"E
34°08'21"S 22°06'45"E
34°10'10"S 22°07'19"E

Add Light Fl G 3s 7m 4M

34°10'33.2"S 22°08'45.0"E

61060 4Ed. 5/15/82 NEW EDITION

(DMAHTC) 37/82

61060 4Ed. 5/15/82 LAST NM 37/82
Add Pilot station symbol

(9(67)83 Cape Town) 48/83
33°01'S 27°58'E

61060 4Ed. 5/15/82 LAST NM 48/83
Add Calling-in point symbol with direction pointer 045°

(1(19)84 Cape Town) 15/84

33°14'S 27°43'E

61060 4Ed. 5/15/82 LAST NM 15/84
Delete DIA from light

(BA LL) 2/85
33°02.5'S 27°53.8'E

61060 4Ed. 5/15/82 LAST NM 2/85
Change Light to Fl R 3s 26ft 5M

(8(80)84 Cape Town) 3/85
33°36.2'S 26°54.2'E

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61060	4Ed. 5/15/82 LAST NM 3/85			(9(90, 92), 11(105), 12(117)84 Cape Town) 9/85
	Change	Fog signal at light to HORN		33°01.7'S 27°55.6'E
		Lights to		
		Fl(2) R 6s 46ft 13m HORN		33°57.0'S 25°38.6'E
		FG		33°57.5'S 25°38.5'E
		Buoy to E. cardinal buoy: BYB, pillar, double cone topmark bases together, Q(3) 10s BELL		33°58.9'S 25°41.8'E
	Add	Pilot station symbol		33°55.4'S 25°40.9'E
61060	4Ed. 5/15/82 LAST NM 9/85			(4(38)85 Cape Town; BA RA) 26/85
	Delete	Position circle "WATER TOWER (Red Lt)"		33°59.6'S 25°32.2'E
		R Bn (AERO)		34°01.7'S 25°32.2'E
61060	4Ed. 5/15/82 LAST NM 26/85			(11(108)85 Cape Town) 29/86
	Substitute	Dangerous wreck for stranded wreck "Ra (conspic)" (PA)		34°02.7'S 25°41.6'E
	Add	Stranded wreck		34°02.7'S 25°42.0'E
61060	4Ed. 5/15/82 LAST NM 29/86			(12(105)86 Cape Town) 8/87
	Add	Danger circle "Unexploded ordnance rep (1986)" (PA)		34°06.5'S 26°10.5'E
61060	4Ed. 5/15/82 LAST NM 8/87			(1(16), 2(22)87 Cape Town; DMAHTC) 19/87
	Add	Wreck		33°56.7'S 25°39.5'E
		Buoy (wave recorder) Y, spherical, Fl Y(5) 20s		34°04.9'S 25°41.9'E
		Note "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."		34°22.7'S 24°42.8'E
61060	4Ed. 5/15/82 LAST NM 19/87			(11(69)87 Cape Town) 4/88
	Relocate	Buoy (wave recorder) (34°04.9'S 25°41.9'E) to (See 19/87-61060)		34°05.3'S 25°41.9'E
61060	4Ed. 5/15/82 LAST NM 4/88			(12(73)87 Cape Town) 7/88
	Add	Wreck		33°58.9'S 25°41.7'E
61060	4Ed. 5/15/82 LAST NM 7/88			(BA LL) 22/88
	Change	Period of light to 30s		34°01.7'S 25°42.1'E
61060	4Ed. 5/15/82 LAST NM 22/88			(8(50)88 Cape Town) 45/88
	Change	Characteristic of lights to Fl 3s		32°59.9'S 27°56.8'E
		Oc R 2s		33°01.8'S 27°55.6'E
61060	4Ed. 5/15/82 LAST NM 45/88			(10(64)88 Cape Town) 5/89
	Add	Wreck		34°00.4'S 25°16.7'E
61060	4Ed. 5/15/82 LAST NM 5/89			(BA CH 2085) 13/89
	Add	Depths 51 fathoms		34°16.0'S 25°32.5'E
		61 fathoms		34°15.5'S 25°39.2'E
		51 fathoms		34°16.5'S 25°45.5'E
		55 fathoms		34°12.2'S 25°39.7'E
		HORN at light		34°12.7'S 24°50.0'E
★**61061**	8Ed. 1/29/83	NEW EDITION		(DMAHTC) 14/83
61061	8Ed. 1/29/83 LAST NM 14/83			(9(90), 10(98), 11(104, 105), 12(117)84 Cape Town) 9/85
	Delete	Buoys		33°56'15"S 25°39'37"E
				33°55'42"S 25°39'35"E
	Change	Buoy to E. cardinal buoy: BYB, pillar, double cone topmark bases together, Q(3) 10s BELL		33°58'48"S 25°41'49"E
	Add	Safe water buoy: RW, pillar, ball topmark, Q		33°55'39"S 25°40'17"E

(continued on next page)

61061	(Continued)		9/85
	Add	Pilot station symbol	33°55'34"S 25°40'56"E
		Calling-in point symbols with direction pointer 270°	33°56'00"S 25°58'00"E
		045°	34°05'00"S 25°43'00"E
		(And Plan)	
	Change	Lights to	
		Fl(2) R 6s 46ft 13M HORN	33°57'10.4"S 25°38'37.5"E
		FG 23ft 5M	33°57'30.8"S 25°38'29.4"E
	Add	Light Q(3) G 5s 26ft 8M	33°57'17.5"S 25°38'21.1"E
		Legend "Traffic Signals"	33°57'19.5"S 25°38'19.8"E
		(Plan)	
	Delete	Legend "Sig Sta"	33°57'29"S 25°38'26"E
61061	8Ed. 1/29/83 LAST NM 9/85		(4(248)85 Taunton) 11/85
	Add	Note	
		"RADIO REPORTING	
		Vessels bound for Port Elizabeth should report to Port Control when passing calling-in points."	34°01'24"S 25°36'00"E
61061	8Ed. 1/29/83 LAST NM 11/85		(4(38)85 Cape Town; BA RA) 26/85
	Delete	Position circle	
		"WATER TOWER (Red Lt)"	33°59'33"S 25°32'22"E
		R Bn (AERO)	34°01'38"S 25°32'08"E
61061	8Ed. 1/29/83 LAST NM 26/85		(6(51)85 Cape Town) 32/85
	Change	Characteristic of buoy to Iso 2s (See 9/85-61061)	33°55'39"S 25°40'17"E
61061	8Ed. 1/29/83 LAST NM 32/85		(10(95)85 Cape Town) 1/86
	Change	Range lights,	
		front to QR 115ft 26M	33°57'20"S 25°37'09"E
		rear to Oc 5s 197ft 23M	33°57'26"S 25°36'55"E
61061	8Ed. 1/29/83 LAST NM 1/86		(1(19)86 Cape Town) 12/86
	Change	Visibility (range) of range lights	
		front to 19M	33°57'20"S 25°37'09"E
		rear to 24M	33°57'26"S 25°36'55"E
		(See 1/86-61061)	
61061	8Ed. 1/29/83 LAST NM 12/86		(11(108)85 Cape Town) 29/86
	Delete	Stranded wreck "Ra (conspic)" (PA)	34°02'37"S 25°41'31"E
	Add	Stranded wreck	34°02'32"S 25°42'00"E
		Dangerous wreck	34°02'32"S 25°41'37"E
61061	8Ed. 1/29/83 LAST NM 29/86		(1(16), 2(22)87 Cape Town; DMAHTC) 19/87
	Add	Wreck	33°56'49"S 25°39'30"E
		Buoy (wave recorder) Y, spherical, Fl Y(5) 20s	34°04'50"S 25°42'01"E
		Note	
		"BUOYAGE	
		IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	34°01'57"S 25°36'00"E
61061	8Ed. 1/29/83 LAST NM 19/87		(BA CH 641; BA LL) 25/87
	Change	Light to Dir F WRG, QRG 118ft 12M and sectors to FG 148°-162°, QG-166°, FW-170°, QR-174°, FR-188°	33°57'47.5"S 25°38'42.0"E
	Add	Bearing line extending in 347°45' direction from light	33°57'47.5"S 25°38'42.0"E
		dashed for 600 yards, thence	
		solid for 1800 yards, thence	
		dashed for 1000 yards	
		Legend "Dir Lt 167°45'" along above bearing line	33°56'24.0"S 25°38'22.0"E

(on next page)

61061	(Continued)		25/87
		(Plan)	
	Change	Light to Dir F WRG, QRG 118ft 12M and sectors to FG 148°-162°, QG-166°, FW-170°, QR-174°, FR-188°	33°57'47.5"S 25°38'42.0"E
	Add	Bearing line extending in 347°45' direction from light dashed for 600 yards, thence solid for 1375 yards	33°57'47.5"S 25°38'42.0"E
		Legend "Dir Lt 167°45'" along above bearing line	33°57'03.5"S 25°38'31.0"E
61061	8Ed. 1/29/83 LAST	NM 25/87	(11(69)87 Cape Town) 4/88
	Relocate	Buoy (wave recorder) (34°04'50"S 25°42'01"E) to (See 19/87-61061)	34°05'14"S 25°41'56"E
61061	8Ed. 1/29/83 LAST	NM 4/88	(12(73)87 Cape Town) 7/88
	Add	Wreck	33°58'52"S 25°41'47"E
61061	8Ed. 1/29/83 LAST	NM 7/88	(BA LL) 22/88
	Change	Period of light to 30s	34°01.7'S 25°42.1'E
★**61070**	3Ed. 3/22/80	NEW EDITION	(DMAHTC) 21/80
	Add	Depth 12 fathoms (Previously published 16/80)	32°25.7'S 29°43.7'E
61070	3Ed. 3/22/80 LAST	NM 21/80	(1(17)80 Cape Town) 35/83
	Delete	Depth 12 fathoms	32°25.7'N 29°43.7'E
	Add	Depth 12 fathoms	32°25.7'N 28°43.7'E
61070	3Ed. 3/22/80 LAST	NM 35/83	(1(17)80 Cape Town) 37/83
	Delete	Depth 12 fathoms	32°25.7'S 29°43.7'E
	Add	Depth 12 fathoms (See 35/83-61070)	32°25.7'S 28°43.7'E
61070	3Ed. 3/22/80 LAST	NM 37/83	(9(67)83 Cape Town) 48/83
	Add	Pilot station symbol	33°01'S 27°58'E
61070	3Ed. 3/22/80 LAST	NM 48/83	(1(19)84 Cape Town) 15/84
	Add	Calling-in point symbol with direction pointer 225°	32°54'S 28°11'E
61070	3Ed. 3/22/80 LAST	NM 15/84	(BA LL) 2/85
	Delete	HORN from light	33°02.5'S 27°54.0'E
61070	3Ed. 3/22/80 LAST	NM 2/85	(9(92)84 Cape Town) 9/85
	Change	Fog signal at light to HORN	33°01.6'S 27°55.7'E
61070	3Ed. 3/22/80 LAST	NM 9/85	(BA CH 3793) 29/87
	Delete	Stranded wreck	32°24.0'S 28°44.2'E
			32°18.1'S 28°52.6'E
		Buoy	32°15.8'S 28°57.2'E
61070	3Ed. 3/22/80 LAST	NM 29/87	(8(50)88 Cape Town) 45/88
	Change	Characteristic of lights to Fl 3s	32°59.9'S 27°56.8'E
		Oc R 2s	33°01.6'S 27°55.8'E
★**61071**	8Ed. 7/15/78	NEW EDITION	(DMAHC) 34/78
61071	8Ed. 7/15/78 LAST	NM 34/78	(2(28)80 Cape Town) 18/80
	Add	Position circle "Silo (conspic)"	33°00'32.8"S 27°54'30.8"E
61071	8Ed. 7/15/78 LAST	NM 18/80	(9(67)83 Cape Town) 48/83
	Add	Pilot station symbol	33°01'00"S 27°58'00"E
61071	8Ed. 7/15/78 LAST	NM 48/83	(BA LL) 2/85
	Delete	HORN from light	33°02'26"S 27°53'57"E
61071	8Ed. 7/15/78 LAST	NM 2/85 (And Plan)	(9(92)84 Cape Town) 9/85
	Change	Fog signal at light to HORN	33°01'40"S 27°55'32"E
	Add	Legend "Traffic Signals"	33°01'28"S 27°54'43"E

61071 8Ed. 7/15/78 LAST NM 9/85
Change — Characteristic of light to Fl 3s

(And Plan)
Change — Characteristic of lights to Oc R 2s FR

★61080 3Ed. 9/29/79 NEW EDITION
Add — Depth 22 fathoms

61080 3Ed. 9/29/79 LAST NM 1/80
Add — Stranded wrecks

61080 3Ed. 9/29/79 LAST NM 36/80
Delete — Stranded wreck (See 36/80-61080)

Add — Stranded wreck

61080 3Ed. 9/29/79 LAST NM 45/80
Change — Light to Fl 10sec 266ft 13M

61080 3Ed. 9/29/79 LAST NM 47/82
Delete — R Bn

61080 3Ed. 9/29/79 LAST NM 19/84
Add — Legend "Rep (1974)" to depth 22 fathoms

61080 3Ed. 9/29/79 LAST NM 11/86
Change — Visibility (range) of light to 15M

61080 3Ed. 9/29/79 LAST NM 26/86
Delete — Stranded wreck

Buoy

Substitute — Depth 86 fathoms for 97 fathoms

Add — Depth 53 fathoms
Obscured sector 040°-052° to light

61080 3Ed. 9/29/79 LAST NM 29/87
Change — Light to Fl(2) 10s 126ft 24M

★61090 4Ed. 5/1/82 NEW EDITION
Change — Characteristic of buoy (mooring) to Fl 3s

61090 4Ed. 5/1/82 LAST NM 29/82
Delete — Buoy "Current meter"

61090 4Ed. 5/1/82 LAST NM 47/87
Add — Pilot station symbol

Calling-in point symbols with direction pointer 022°30′
202°30′

Note
"CALLING-IN POINTS
Vessels bound for Durban Harbor are required to communicate with Port Control when passing calling-in points in the direction of the arrow on the symbol. See Sailing Directions."

61090 4Ed. 5/1/82 LAST NM 48/83
Add — Calling-in point symbol with direction pointer 022½°

(8(50)88 Cape Town) 45/88
32°59′54″S 27°56′44″E

33°01′40″S 27°55′32″E
33°01′44″S 27°54′55″E

(DMAHTC; SAN CH 59 Ed 1977) 1/80
31°59.4′S 29°17.8′E

(SAN CH 130) 36/80
31°00′26″S 30°15′48″E
31°04′15″S 31°00′27″E

(SAN CH 130) 45/80
31°04′15″S 31°00′27″E

31°13′30″S 30°04′15″E

(9(69)82 Cape Town) 47/82
31°19.7′S 29°57.7′E

(US RA) 19/84
30°52.0′S 30°21.4′E

(SAN CH 129) 11/86

31°59.4′S 29°17.8′E

(4(40)86 Cape Town) 26/86
31°19.7′S 29°57.7′E

(BA CH 3793) 29/87
31°40.6′S 29°29.0′E
31°36.4′S 29°34.[illegible]E
32°17.8′S 28°52.5′E
32°23.9′S 28°44.2′E
31°51.5′S 29°17.3′E

32°1[illegible]′S 28°57.4′E

31°4[illegible].5′S 29°[illegible].7′E

31°55.0′[illegible]9°[illegible].5′E
31°38.0′S [illegible]°33.1′E

(BA CH 2087; BA LL) 14/89
31°03.5′S 30°13.5′E

(DMAHTC; US LL) 29/82

30°00.6′S 30°58.6′E

(8(62)82 Cape Town) 47/82
29°53.8′S 31°05.4′E

(9(69)83 Cape Town) 48/83
29°50.1′S 31°04.9′E

30°02.0′S 31°00.4′E
29°43.6′S 31°10.0′E

29°37.5′S 30°40.0′E

(11(107)84 Cape Town) 9/85

29°06′S 31°58′E

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61090	4Ed. 5/1/82 LAST NM 9/85		(4(40)85 Cape Town) 26/85
	Add	"EXPLOSIVES DUMPING AREA" bound by purple dashed-line circle, radius 5 miles, centered	30°28'S 31°21'E
61090	4Ed. 5/1/82 LAST NM 26/85		(11(106)85 Cape Town) 8/86
	Change	Light to Q 97ft 11M	29°50.7'S 31°02.2'E
61090	4Ed. 5/1/82 LAST NM 8/86		(8(80)86 Cape Town) 41/86
	Add	Lights F 8M (occas)	29°51.2'S 31°02.2'E
		Fl 7s 25M (occas)	29°51.5'S 31°01.3'E
★**61091**	3Ed. 11/1/80	NEW EDITION	(DMAHTC) 2/81
61091	3Ed. 11/1/80 LAST NM 2/81		(1(18)81 Cape Town) 14/81
	Add	Position circle "WATER TR (conspic) (PA)"	29°44.79'S 31°02.90'E
61091	3Ed. 11/1/80 LAST NM 14/81		(7(66)81 Cape Town) 41/81
	Add	Buoy (current meter), red, Fl 3sec	29°53'46"S 31°05'26"E
61091	3Ed. 11/1/80 LAST NM 41/81		(8(72)81 Cape Town) 7/82
	Change	Legend "RADAR TR (conspic)" to "WATER TR (conspic)"	29°53.9'S 31°02.5'E
61091	3Ed. 11/1/80 LAST NM 7/82		(8(62)82 Cape Town) 41/82
	Delete	Buoy (current meter) (Supersedes 41/81-61091)	29°53'46"S 31°05'26"E
61091	3Ed. 11/1/80 LAST NM 47/82		(9(69)83 Cape Town) 48/83
	Add	Pilot station symbol	29°50.1'S 31°04.9'E
61091	3Ed. 11/1/80 LAST NM 48/83		(11(106)85 Cape Town) 8/86
	Delete	Legend "Athlone Rifle Range"	29°48.4'S 31°02.5'E
	Change	Light to Q 30m 11M	29°50.5'S 31°02.2'E
61091	3Ed. 11/1/80 LAST NM 8/86		(8(80)86 Cape Town) 41/86
	Add	Lights F 110m 8M (occas)	29°51.21'S 31°02.31'E
		Fl 7s 145m 25M (occas)	29°51.45'S 31°01.33'E
61091	3Ed. 11/1/80 LAST NM 41/86		(1(17), 2(23)87 Cape Town) 24/87
	Substitute	Danger circle "Obstr" marked by buoy G, conical, QG for light	29°52'14"S 31°03'24"E
	Add	Position circles (accurate)	
		"Water TR (conspic)"	29°56'02"S 31°00'22"E
		"FS (R Lt)"	29°53'39"S 31°02'37"E
★**61092**	12Ed. 2/2/85	NEW EDITION	(DMAHTC; SAN CH 1031; 2(21)85 Cape Town) 15/85
	Delete	Note "Later surveys...this chart."	29°52'30"S 30°59'42"E
		Legend "DREDGED DEPTHS TO 1972"	29°52'26"S 31°02'00"E
		Buoys (mooring)	29°51'54"S 31°01'43"E
			29°51'56"S 31°01'43"E
	Change	Designation of buoys	
		"B2" to "B3"	29°53'34"S 31°00'20"E
		"B3" to "B5"	29°53'50"S 31°00'14"E
		Characteristic of buoys	
		"M18" to QR	29°52'55"S 31°00'22"E
		"M8" to QR	29°52'23"S 31°00'38"E
		"E10" to QR	29°52'14"S 31°00'56"E
		"E11" to QG	29°52'09"S 31°00'54"E
		"E7" to Fl G 2s	29°52'06"S 31°01'16"E
		"S1" to QG	29°52'24"S 31°01'37"E
		Buoy "M16" to "M16", R, can	29°52'45"S 31°00'26"E
	Add	Buoy (mooring)	29°52'50.7"S 31°02'03.5"E

(continued on next page)

★61092 (Continued)
Add — Buoys, each R, can
"B2"
"B4"
"B6"
"B8"

61092 12Ed. 2/2/85 LAST NM 15/85
Add — Lights F 110m 8M (occas)
Fl 7s 145m 25M (occas)

61092 12Ed. 2/2/85 LAST NM 41/86
Add — Light Fl R 2s to buoy
Buoy, R, can, Fl R 2s

61092 12Ed. 2/2/85 LAST NM 51/86
Substitute — Danger circle "Obstr" marked by buoy G, conical, QG for platform symbol, light and legend "Caisson"

Add — Position circle (accurate) "FS (R Lt)"

★61100 3Ed. 6/25/83 NEW EDITION

61100 3Ed. 6/25/83 LAST NM 33/83
Add — Note
"CHANGES IN BUOYAGE
Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region A. For further explanation, see annual NM 1(6) and Chart No. 1."

61100 3Ed. 6/25/83 LAST NM 4/84
Add — Depth 105 fathoms (PA)

61100 3Ed. 6/25/83 LAST NM 42/84
Add — Calling-in point symbols with direction pointer 247½°
022½°

61100 3Ed. 6/25/83 LAST NM 9/85
Add — Light Fl 10s 213ft 25M R Bn

61100 3Ed. 6/25/83 LAST NM 38/85
Delete — Buoy

Add — Special buoy: Y, conical, Fl Y 5s

61100 3Ed. 6/25/83 LAST NM 17/86
Add — Depth 110 fathoms

61100 3Ed. 6/25/83 LAST NM 24/86
Delete — Anchorage prohibited area centered

Add — "PROHIB AREA"
bound by purple dashed line joining

Submarine pipeline between

Bns "N4"
"N6"
"N5"
"N3"

Position circle (accurate) "Tr"

61100 3Ed. 6/25/83 LAST NM 30/86
Add — Light Fl(4) 40s 200ft 25M R Bn

61100 3Ed. 6/25/83 LAST NM 35/86
Delete — Prohibited area centered
(See 30/86-61100)

(Continued on next page)

15/85

29°53'15.2"S 31°00'31.8"E
29°53'26.8"S 31°00'26.9"E
29°53'38.7"S 31°00'21.8"E
29°53'50.0"S 31°00'17.6"E

(8(80)86 Cape Town) 41/86
29°51'15.1"S 31°02'17.5"E
29°51'28.5"S 31°01'18.5"E

(9(89)86 Cape Town) 51/86
29°53'50.0"S 31°00'17.6"E
29°51'52.2"S 31°01'45.0"E

(1(17), 2(23)87 Cape Town) 24/87

29°52'14.0"S 31°03'22.7"E

29°53'40.5"S 31°02'36.0"E

(DMAHTC) 33/83

(12(88)83 Cape Town: NVS6577/82) 4/84

27°20'S 32°15'E

(36(2358)84 Taunton) 42/84
28°40'S 32°40'E

(11(107)84 Cape Town) 9/85

28°43'S 32°28'E
29°06'S 31°58'E

(7(59)85 Cape Town) 38/85
28°08.9'S 32°33.1'E

(2(28)86 Cape Town) 17/86
28°49.5'S 32°06.3'E

28°49.7'S 32°06.3'E

(BA CH 2088) 24/86
28°45.8'S 32°34.8'E

(8(73), 10(93)85 Cape Town) 30/86
28°48.2'S 32°08.6'E

28°48.4'S 32°05.8'E
28°50.0'S 32°10.0'E
28°48.2'S 32°10.9'E
28°46.5'S 32°07.6'E
28°48.2'S 32°05.6'E
28°49.2'S 32°08.9'E
28°08.4'S 32°33.4'E
27°55.6'S 32°35.8'E
27°43.3'S 32°37.8'E
27°26.7'S 32°42.4'E

27°47.8'S 32°05.7'E

(6(57)86 Cape Town) 35/86
27°33.1'S 32°40.7'E

(8(81)86 Cape Town) 41/86
28°48.3'S 32°08.7'E

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61100	(Continued)		
	Relocate	Buoy (28°49.7'S 32°06.3'E) to (See 17/86-61100)	41/86 28°49.5'S 32°06.3'E
	Add	"PROHIB AREA" bound by purple dashed line joining	 28°48.4'S 32°05.8'E 28°49.8'S 32°09.7'E 28°48.7'S 32°10.2'E 28°47.4'S 32°06.5'E
61100	3Ed. 6/25/83 LAST NM 41/86		
	Change	Lights to Fl(2) G 5s 6M Fl(2) 5s 6M	(2(24, 25)87 Cape Town) 20/87 28°48.3'S 32°05.9'E 28°48.9'S 32°05.7'E
		Characteristic of buoy to Fl Y 2s	28°49.7'S 32°06.3'E
61100	3Ed. 6/25/83 LAST NM 20/87		
	Delete	Racon from light and change legend "Racons" to "Racon"	(BA RA) 47/87 28°47.4'S 32°01.8'E

★61110	2Ed. 9/1/79	NEW EDITION	(DMAHTC) 46/79
61110	2Ed. 9/1/79 LAST NM 46/79		
	Add	Sector red 212°-224° to light	(BA CH 2089 Print 1979) 52/79 25°58.4'S 32°59.3'E
61110	2Ed. 9/1/79 LAST NM 52/79		
	Change	Light to Gp Fl(3) 10sec 374ft 27M	(13(367)80 Dehra Dun) 35/80 26°51.3'S 32°53.3'E
61110	2Ed. 9/1/79 LAST NM 35/80		
	Change	Light to Fl(2) 10s 374ft 15M	(45(2745)82 Taunton) 5/83 26°51.3'S 32°53.3'E
61110	2Ed. 9/1/79 LAST NM 5/83		
	Add	Depth 191 fathoms (PA)	(36(2359)84 Taunton) 43/84 26°26.0'S 34°21.0'E
61110	2Ed. 9/1/79 LAST NM 43/84		
	Change	Light to Fl 4.5s 305ft 20M	(8(546)85 Taunton) 14/85 25°11.2'S 33°30.0'E
61110	2Ed. 9/1/79 LAST NM 14/85		
	Add	Depth 6 fathoms 3 feet "Rep (1985)"	(7(498)86 Taunton) 16/86 25°38.8'S 32°51.5'E
61110	2Ed. 9/1/79 LAST NM 16/86		
	Change	Light to Fl 3s 200ft 5M	(BA LL) 49/87 25°33.7'S 32°50.5'E
61110	2Ed. 9/1/79 LAST NM 49/87		
	Substitute	Danger circle "Subm Wellhead" for position circle "Subm wellhead"	(MCNM8086/88) 16/88 25°47.6'S 33°06.2'E
61110	2Ed. 9/1/79 LAST NM 16/88		
	Relocate	R Bn (AERO) close SE to	(9(725)88 Taunton) 21/88 25°52.3'S 32°36.6'E
61110	2Ed. 9/1/79 LAST NM 21/88		
	Change	Characteristic of light to Fl WR 3s (See 49/87-61110)	(15(1155)88 Taunton) 27/88 25°33.7'S 32°50.5'E
61110	2Ed. 9/1/79 LAST NM 27/88		
	Add	Buoy "2N" R, spar, Fl(2) R 10s	(45(3364)88 Taunton) 2/89 25°38.4'S 32°53.9'E

★61111	10Ed. 3/2/85	NEW EDITION	(DMAHTC; BA CH 644) 20/85
	Change	Buoy "1S" to black, Fl G 4s Ra Ref	25°54'00"S 32°55'31"E
		Characteristic of light to Iso 4s	26°00'18"S 32°33'50"E
	Add	Legend "(see Caution 4)"	25°42'36"S 32°58'09"E
		Caution No. 4 to cautions note "4. Do not use compass rose due to misalignment."	 25°45'48"S 32°37'30"E
61111	10Ed. 3/2/85 LAST NM 20/85		(30(1977)85 Taunton; BA SD; BA CH 644) 37/85
	Change	Legends to "Dredged to 9.4m (1974)" "Dredged to 7.6m "Rep (1985)"	 25°56'14"S 32°43'36"E 25°58'14"S 32°38'10"E
	Add	Legend "Caution 5" Depth 8.2 meters	 25°56'18"S 32°41'15"E 25°57'06"S 32°40'20"E

(continued on next page)

61111	(Continued) Add	Caution No. 5 to cautions note "5. Xefina Shoal is reported extending south toward the channel."	37/85 25°46'00"S 32°37'30"E
61111	10Ed. 3/2/85 LAST NM 37/85 Add	Depth 11.9 meters "Rep (1985)"	(7(498)86 Taunton) 16/86 25°38.79'S 32°51.50'E
*61111	10Ed. 3/2/85 LAST NM 16/86 Delete	Buoys "1S" "2S" "Vasconcelos"	(MCNM7907/87) 10/87 25°54.0'S 32°55.5'E 25°53.7'S 32°55.1'E 25°52.6'S 32°53.8'E
61111	10Ed. 3/2/85 LAST NM 10/87 Add	Stranded wreck Dangerous wreck Legend "Foul Ground" Bn (PA)	(18(1391)87 Taunton) 29/87 26°00'06"S 32°35'21"E 26°00'01"S 32°35'35"E 26°00'12"S 32°35'27"E 25°49'03"S 32°44'00"E
61111	10Ed. 3/2/85 LAST NM 29/87 Delete	Depth 8.9 meters	(26(1927)87 Taunton) 41/87 25°50.9'S 32°51.7'E
	Add	Depths 8.2 meters 11.6 meters 12.2 meters	25°50'56"S 32°51'49"E 25°51'16"S 32°50'58"E 25°51'58"S 32°51'46"E
61111	10Ed. 3/2/85 LAST NM 41/87 Change	Light to Fl 3s 61m 5M and delete red sector	(BA LL) 49/87 25°33.7'S 32°50.7'E
61111	10Ed. 3/2/85 LAST NM 49/87 Delete	Buoys "6N" "3N" "1N"	(50(3782)87 Taunton) 5/88 25°50.8'S 32°51.5'E 25°49.6'S 32°51.0'E 25°47.5'S 32°50.0'E
61111	10Ed. 3/2/85 LAST NM 5/88 Delete	R Bn and light	(9(725)88 Taunton) 21/88 25°52.0'S 32°36.3'E
	Add	R Bn (AERO) "(R Lt)"	25°52'17"S 32°36'38"E
61111	10Ed. 3/2/85 LAST NM 21/88 Change	Characteristic of light to Fl WR 3s and add sector red 330°-350° (See 49/87-61111)	(15(1155)88 Taunton; BA LL) 27/88 25°33.7'S 32°50.7'E
61111	10Ed. 3/2/85 LAST NM 27/88 Delete	Buoys "1" "4N" "5" "11"	(23(1747)88 Taunton) 33/88 25°59.6'S 32°37.1'E 25°46.2'S 32°49.8'E 25°56.1'S 32°43.5'E 25°57.8'S 32°38.3'E
	Change	Legend to "Dredged to 7.3m (1988)"	25°58'14"S 32°38'10"E
	Add	Buoys, each G, conical "No 11" Fl G 4s "No 5" Fl G	25°57'46"S 32°38'23"E 25°56'08"S 32°43'30"E
		Buoys "No 3A" G, conical "4N" R, can, Fl(2) R 5s	25°55'30"S 32°51'13"E 25°46'14"S 32°49'48"E
61111	10Ed. 3/2/85 LAST NM 33/88 Delete	Buoy "2N"	(38(827)88 Rostock; 45(3364)88 Taunton) 2/89 25°38.4'S 32°53.1'E
	Relocate	Buoy "7" close SW to	25°56'49"S 32°41'15"E
	Change	Buoy "8" to R, can, Fl R 5s	25°57.0'S 32°40.9'E
	Add	Buoys, each R, spar "9A" "11A"	25°57'17"S 32°40'00"E 25°57'50"S 32°38'27"E
		Buoy "2N" R, spar, Fl(2) R 10s	25°38'28"S 32°54'06"E
*61112	9Ed. 4/9/83	NEW EDITION	(DMAHTC) 24/83
61112	9Ed. 4/9/83 LAST NM 24/83 Delete	Buoys	(10(130)82, 17(207)83 Lisboa; 42(2711)83 Taunton) 51/83 25°59'40"S 32°37'01"E 25°58'59"S 32°34'17"E 25°57'46"S 32°30'23"E
		Ra Ref from buoy	

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61112	(Continued)		51/83
	Relocate	Buoy "18" close N to	25°57'19"S 32°31'18"E
	Add	Buoy "Disposal Zone"	25°59'41"S 32°37'19"E
61112	9Ed. 4/9/83 LAST NM 51/83		(NVS7370/84) 1/85
	Add	Caution No. 3 to cautions note "3. All lights and buoys in Maputo Bay have been reported extinguished and many of the buoys not in their charted position or missing (1984)."	25°56.3'S 32°36.1'E
61112	9Ed. 4/9/83 LAST NM 1/85		(30(1977)85 Taunton) 37/85
	Change	Legend to "Dredged to 7.6m Rep (1985)"	25°59'21"S 32°35 37'E
61112	9Ed. 4/9/83 LAST NM 37/85		(24(1714)86 Taunton) 33/86
	Delete	Legend "Dol"	25°57'52"N 32°29'36"E
	Add	Danger circle "Obstr"	25°57'51.9"N 32°29'38.1"E
		Depths 9.7 meters	25°57'47.1"S 32°32'48.6"E
		11.9 meters	25°57'56.1"S 32°33'01.0"E
		10.9 meters	25°58'01.2"S 32°33'09.5"E
		10 meters	25°58'16.1"S 32°33'34.5"E
		9.1 meters	25°58'25.1"S 32°33'49.4"E
		3.3 meters	25°58'34.8"S 32°34'04.9"E
61112	9Ed. 4/9/83 LAST NM 33/86		(33(2382)86 Taunton) 40/86
	Delete	Buoy "14A"	25°59'12"S 32°34'16"E
	Relocate	Buoy "14" close SE to and add Ra Ref	25°59'14.6"S 32°36'07.9"E
	Change	Legend to "Channel least depth 5.5m Rep (1986)"	25°59'21"S 32°35'37"E
61112	9Ed. 4/9/83 LAST NM 40/86		(18(1391)87 Taunton) 29/87
	Delete	Depths 11.9 meters	25°57.9'S 32°33.0'E
		13.6 meters	25°57.9'S 32°32.9'E
		14.7 meters	25°58.0'S 32°33.1'E
		9.7 meters	25°57.8'S 32°32.8'E
	Add	Depths 10 meters	25°58'08.0"S 32°33'20.8"E
		8.8 meters	25°57'56.1"S 32°33'01.0"E
		7.9 meters	25°57'45.8"S 32°32'48.0"E
		9.4 meters	25°57'39.2"S 32°32'37.9"E
		4.9 meters	25°57'43.2"S 32°32'29.5"E
		10.9 meters	25°57'38.1"S 32°30'13.5"E
		Dangerous wreck	26°00'01.5"S 32°35'34.5"E
		Stranded wreck	26°00'04.0"S 32°35'20.9"E
		Legends "Foul Ground"	26°00'12.0"S 32°35'30.0"E
		"Less water (1986)"	25°58'51.5"S 32°34'12.2"E
		"Less water (1986)"	25°58'09.5"S 32°33'02.0"E
61112	9Ed. 4/9/83 LAST NM 29/87		(37(2805)87 Taunton) 47/87
	Delete	Depth 10.8 meters	25°57.9'S 32°29.7'E
	Add	Depth 8.2 meters	25°57'51"S 32°29'42"E
61112	9Ed. 4/9/83 LAST NM 47/87		(23(1747)88 Taunton) 33/88
	Delete	Buoy "Disposal Zone"	25°59.7'S 32°37.3'E
		Depth 8 meters "Rep (1982)"	25°59.1'S 32°36.1'E
	Change	Legend to "Dredged to 7.3m (1988)"	25°59'21"S 32°35'37"E
★**61120**	3Ed. 1/8/83	NEW EDITION	(DMAHTC; US LL) 12/83
	Change	Characteristic of light to Fl 4½s	25°11.3'S 33°30.2'E
61120	3Ed. 1/8/83 LAST NM 12/83		(10(131)82 Lisboa; 27(1639)82 Taunton) 15/83
	Delete	Range, line and legend "Beacons in line 292°" in vicinity	23°43'S 35°36'E
	Relocate	Buoy "Baia de Aterragen" close N to and change designation to "Boia de Espera"	23°40.12'S 35°29.70'E

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61120	(Continued) Relocate	Buoy "1" close NE to and add characteristic Fl G 3s	15/83 23°39.50'S 35°29.05'E
61120	3Ed. 1/8/83 LAST NM 15/83 Change	Visibility (range) of light to 29M	(HNNM7627/85) 51/85 23°47.8'S 35°32.2'E
61120	3Ed. 1/8/83 LAST NM 51/85 Add	Depth 29 meters (ED)	(3(?35)88 Taunton) 13/88 25°51.2'S 35°43.7'E
61120	3Ed. 1/8/83 LAST NM 13/88 Substitute	Danger circle "Subm Wellhead" for position circle "Subm Wellhead (ED)"	(MCNM8086/88) 16/88 25°02.8'S 34°20.0'E
61120	3Ed. 1/8/83 LAST NM 16/88 Add	Depth 29 meters (ED) (Cancels 13/88-61120)	(3(235)88 Taunton) 19/88 24°51.2'S 35°43.7'E
★61130	2Ed. 4/9/83	NEW EDITION	(DMAHTC) 24/83
61130	2Ed. 4/9/83 LAST NM 24/83 Add	Depth 128 meters	(26(1725)85 Taunton) 34/85 21°48.6'S 35°38.2'E
61130	2Ed. 4/9/83 LAST NM 34/85 Change	Visibility (range) of light to 29M	(HNNM7627/85) 51/85 23°48.0'S 35°32.2'E
61130	2Ed. 4/9/83 LAST NM 51/85 Add	Depth 102 meters	(9(82)85 Cape Town) 17/86 22°20.2'S 35°43.0'E
61130	2Ed. 4/9/83 LAST NM 17/86 Add	Depths 8.9 meters 35 meters 28 meters	(3(236)88 Taunton) 13/88 22°46'35"S 35°34'20"E 22°46'15"S 35°36'07"E 22°50'35"S 35°36'05"E
★61140	4Ed. 6/29/85 Relocate	NEW EDITION Buoys "A" close SSW to "P" close W (Previously published 35/85)	(DMAHTC) 40/85 19°55.8'S 35°02.9'E 19°52.5'S 34°57.5'E
61140	4Ed. 6/29/85 LAST NM 40/85 Delete	Stranded wrecks	(Por CH 488) 39/86 19°55.0'S 34°50.8'E 19°55.8'S 34°52.3'E
★61141	5Ed. 11/8/86	NEW EDITION	(DMAHTC; 3(63)83 Lisboa; BA CH 1003) 8/87
	Change	Characteristic of buoys, each to L Fl R 7s and add can topmark "P" "4"	19°52'33"S 34°57'30"E 19°52'44"S 34°53'32"E
	Add	Light dot to light flare symbol	19°50'37"S 34°53'58"E
61141	5Ed. 11/8/86 LAST NM 8/87 Add	Depth 10.6 meters	(BA CH 1003) 28/87 19°58'31"S 35°08'46"E
61141	5Ed. 11/8/86 LAST NM 28/87 Relocate	Buoys "A" close SW to "P" close W "1" close WNW "2" close SSW	(6(77)88 Lisboa) 31/88 19°56'09"S 35°02'44"E 19°52'36"S 34°57'14"E 19°52'50"S 34°52'26"E 19°52'48"S 34°55'24"E
★61142	5Ed. 9/6/86	NEW EDITION	(DMAHTC) 44/86
61142	5Ed. 9/6/86 LAST NM 44/86 Add	Stranded wreck	(Por CH 488) 10/87 19°50'58"S 34°51'13"E
61142	5Ed. 9/6/86 LAST NM 10/87 Add	Legend "Less water reported (1987)" between	(29(2181)87 Taunton) 45/87 19°53'09"S 34°52'19"E 19°52'54"S 34°53'07"E

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61142	5Ed. 9/6/86 LAST NM 45/87		(6(77)88 Lisboa) 31/88
	Relocate	Buoys "4" close NNE to	19°52'45.0"S 34°53'32.5"E
		"1" close WNW	19°52'52.3"S 34°52'26.4"E
		"3" close NE	19°53'13.0"S 34°51'28.1"E
		"6" close W	19°53'21.4"S 34°51'24.2"E
		"5" close SW	19°53'31.6"S 34°50'13.0"E
		"8" close SW	19°53'39.4"S 34°50'09.0"E
		"7" close W	19°52'56.8"S 34°49'46.9"E
		"9" close SSE	19°52'15.8"S 34°49'34.0"E
		"11" close W	19°51'30.6"S 34°49'22.5"E
		"13" close SSE	19°50'51.8"S 34°49'20.3"E
		"W" close SSW	19°50'22.5"S 34°49'26.4"E
★61150	3Ed. 6/4/83	NEW EDITION	(DMAHTC) 32/83
61150	3Ed. 6/4/83 LAST NM 32/83		(49(3191)83 Taunton) 4/84
	Add	Stranded wrecks	17°05.7'S 39°07.2'E
			17°12.0'S 38°57.0'E
61150	3Ed. 6/4/83 LAST NM 4/84		(BA CH 2936) 44/84
	Add	Depth 10.9 meters	17°10.5'S 38°56.6'E
★61160	2Ed. 6/26/76	NEW EDITION	(DMAHC) 34/76
61160	2Ed. 6/26/76 LAST NM 34/76		(6(382)79 Taunton) 21/79
	Add	Depth 290 fathoms "Rep (1978)"	15°49.4'S 40°45.2'E
61160	2Ed. 6/26/76 LAST NM 21/79		(10(135)82 Lisboa) 12/83
	Relocate	Buoy close SW to	16°13.60'S 40°03.75'E
61160	2Ed. 6/26/76 LAST NM 12/83		(BA CH 2110, 2936; BA LL) 44/84
	Change	Light to Q 220ft 9M	16°13.7'S 39°54.6'E
		Visibility (range) of lights to 12/9M	16°21.3'S 40°01.9'E
		19M	16°00.3'S 40°07.8'E
		10M	15°38.2'S 40°24.9'E
	Add	Stranded wreck	17°05.7'S 39°07.3'E
61160	2Ed. 6/26/76 LAST NM 44/84		(3(54)89 Lisboa) 23/89
	Change	Visibility (range) of light to 27M	15°03.3'S 40°47.2'E
★61170	4Ed. 7/27/85	NEW EDITION	(DMAHTC; BA CH 1816; 43(2078)76 Taunton) 42/85
	Delete	Note (Changes In Buoyage)	12°54.4'S 40°12.6'E
	Change	Characteristic of buoy to Fl R 4s	12°17.9'S 40°36.7'E
	Add	Light flare symbol to light dot	12°44.8'S 40°37.7'E
		(Plan C)	
	Delete	Buoys	14°32.7'S 40°39.4'E
			14°32.6'S 40°39.6'E
61170	4Ed. 7/27/85 LAST NM 42/85		(23(1647)86 Taunton) 31/86
		(Plan C)	
	Add	Buoys, each red can,	
		Fl 5s	14°32'34"S 40°39'36"E
		Fl R 4s	14°32'44"S 40°39'28"E
61170	4Ed. 7/27/85 LAST NM 31/86		(MCNM7792/86) 32/86
	Delete	Depth 9 fathoms "PA (rep 1943)"	12°41.5'S 41°46.3'E
61170	4Ed. 7/27/85 LAST NM 32/86		(DMAHTC) 37/86
	Change	Line 5 of current note to "Directions for information relating to currents."	12°51.8'S 40°13.2'E
61170	4Ed. 7/27/85 LAST NM 37/86		(3(54)89 Lisboa) 23/89
	Change	Visibility (range) of light to 27M	15°03.3'S 40°47.2'E
★61171	10Ed. 4/9/83	NEW EDITION	(DMAHTC; US LL) 22/83
	Delete	Light	15°00.4'S 40°40.0'E
	Change	Legend to "Lights in line 127°"	15°02.0'S 40°45.5'E

61171	10Ed. 4/9/83 LAST NM 22/83		
	Change	Visibility (range) of light to 27M	(3(54)89 Lisboa) 23/89
		Light to Fl 3½s 5m 14M	15°03.3'S 40°47.1'E 15°03.1'S 40°43.5'E
★61172	5Ed. 2/14/76	NEW EDITION	(DMAHC) 14/76
61172	5Ed. 2/14/76 LAST NM 14/76		
	Delete	Buoy "2"	(Por CH 471) 45/77
		Stranded wreck	15°02'32"S 40°47'50"E
		Bn	15°00'30"S 40°40'55"E 15°02'34"S 40°41'55"E
		Range lines and legends	
		"Bn . . . 284°" between	15°02'34"S 40°41'55"E 15°04'25"S 40°49'25"E
		"Chapel . . . Lourenco" between	14°58'49"S 40°44'14"E 15°03'27"S 40°45'31"E
	Change	Height of light to 16ft	15°03'04"S 40°43'47"E
		Designation of buoys	
		"6" to "8"	
		"8" to "10" and relocate 125 yards SSE to	15°01'02"S 40°43'48"E 15°00'48"S 40°42'17"E
	Add	Designation "6" to buoy	
		Stranded wreck "Ra (conspic)"	15°01'24"S 40°44'40"E
		Buoy "2", red, Fl R 4sec Ra Ref	15°00'30"S 40°40'58"E
		Position circle "Marker"	15°02'32"S 40°47'05"E
		Bn (triangulation)	15°01'58"S 40°41'53"E 14°59'14"S 40°40'48"E
61172	5Ed. 2/14/76 LAST NM 45/77		
	Change	Visibility (range) of light to 27M	(3(54)89 Lisboa) 23/89 15°03'12"S 40°47'24"E
		Light to Fl 3½s 16ft 14M	15°03'04"S 40°43'47"E
		Note: Obscured sector unchanged	
★61180	3Ed. 12/12/81	NEW EDITION	(DMAHTC) 4/82
61180	3Ed. 12/12/81 LAST NM 4/82		
	Add	Legend "Marked by buoys"	(40(2429)82 Taunton) 6/83 10°16.5'S 40°25.7'E
61180	3Ed. 12/12/81 LAST NM 6/83		
	Change	Characteristic of rear light to L Fl 6s	(BA CH 681) 24/83 9°59.6'S 40°42.3'E
★61181	6Ed. 3/31/84	NEW EDITION	(DMAHTC: 47(2895)82 Taunton) 19/84
	Delete	Designation from buoys (mooring)	
		"5"	10°15'41"S 40°11'50"E
		"7"	10°15'47"S 40°12'19"E
61182	1Ed. 3/44 LAST NM 9/72		
	Change	Note in lower left margin of chart to	(MCNM7926/87) 32/87
		"Users should refer corrections, additions, and comments for improving this product to: DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/ TOPOGRAPHIC CENTER, ATTN: PR, Washington, D.C. 20315-0030."	
★61190	3Ed. 6/11/83	NEW EDITION	
	Delete	R Bn (AERO)	(DMAHTC) 33/83
		(Previously published 29/83-61190)	6°51.6'S 39°11.6'E
61190	3Ed. 6/11/83 LAST NM 33/83		
	Change	Light to Fl 28s 96ft 15M	(41(2984)86 Taunton) 49/86 6°47.2'S 39°20.2'E
61190	3Ed. 6/11/83 LAST NM 49/86		
	Relocate	Buoy close NW to	(23(1701)87 Taunton) 33/87
		and change to R, can, Fl R	7°58'36"S 39°35'15"E
		Buoy close W to	
		and change to Y, can, Fl Y	7°52'12"S 39°38'14"E

(Continued on next page)

61190 (Continued)

Add	Buoys		33/87
	G, conical, Fl G		7°53'00"S 39°33'36"E
	BY, pillar, double cone topmark points upward, Q		7°49'59"S 39°35'36"E
	Note "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."		7°27'00"S 39°03'00"E

★61191 7Ed. 11/17/84

		NEW EDITION	(DMAHTC; BA CH 693) 3/85
Relocate	Pilot station symbol (6°46'04"S, 39°23'29"E) to		6°46'58"S 39°22'10"E
	(Previously published 2/85)		
	(Plan)		
Delete	Submarine cable between		6°49'08.5"S 39°17'57.5"E 6°49'10.2"S 39°17'59.1"E
	between		6°49'17.2"S 39°18'05.9"E 6°49'16.9"S 39°18'05.2"E
	Depths 17.5 meters 19.5 meters 22 meters		6°48'43.8"S 39°18'35.1"E 6°48'42.1"S 39°18'38.4"E 6°48'40.4"S 39°18'42.8"E
Relocate	Bn close SE to close NW		6°49'10.2"S 39°17'59.1"E 6°49'16.9"S 39°18'05.2"E
Change	Characteristic of buoy "8" to QR		6°49'24.1"S 39°17'39.9"E
Add	Depths 11.9 meters 11.9 meters 16.5 meters 12.6 meters 18 meters		6°48'47.1"S 39°18'27.7"E 6°48'45.2"S 39°18'31.8"E 6°48'43.1"S 39°18'36.6"E 6°48'41.1"S 39°18'39.0"E 6°48'40.9"S 39°18'42.7"E

61191 7Ed. 11/17/84 LAST NM 3/85

	(Plan)		(14(962)85 Taunton) 24/85
Add	Buoy, red can, Fl R 8s		6°48'49.5"S 39°18'29.5"E

61191 7Ed. 11/17/84 LAST NM 24/85

Change	Light to Fl 28s 29m 15M		(41(2984)86 Taunton) 49/86 6°47.4'S 39°20.2'E

61191 7Ed. 11/17/84 LAST NM 49/86

Add	Note "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."		(25(1848)87 Taunton) 40/87 6°53'38"S 39°23'00"E
	(And plan)		
Change	Buoy "1" to G, conical		6°47'54"S 39°18'45"E
Add	Double solid lines with land tint (jetty) 10 meters wide on centerline between		6°49'31.8"S 39°17'39.6"E 6°49'33.1"S 39°17'37.9"E
	between		6°49'32.5"S 39°17'37.1"E 6°49'33.9"S 39°17'38.5"E
	(Plan)		
Delete	Buoy "6"		6°49'23"S 39°17'44"E
	Light		6°48'35"S 39°18'53"E
	Dashed line between		6°48'35"S 39°18'53"E 6°48'36"S 39°18'50"E
Change	Legend to "Light and Beacons in line 063°-243°"		6°48'42"S 39°18'36"E

★61200 5Ed. 7/28/84

		NEW EDITION	(DMAHTC; BA RA) 44/84
Add	Depth 8.5 meters "Rep (1984)"		6°46.82'S 39°20.92'E
	(Previously published 43/84)		
Delete	R Bn (AERO)		4°02.0'S 39°37.0'E

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★61200	(Continued) Add	R Bn	44/84 4°04.25'S 39°40.73'E
61200	5Ed. 7/28/84 LAST NM 44/84 Delete	R Bn (See 44/84-61200)	(BA RA) 29/85 4°04.25'S 39°40.73'E
61200	5Ed. 7/28/84 LAST NM 29/85 Delete	Stranded wreck	(1(61)86 Taunton) 13/86 4°02.5'S 39°43.6'E
61200	5Ed. 7/28/84 LAST NM 13/86 Change	Light to Fl 28s 29m 15M	(41(2984)86 Taunton) 49/86 6°47.3'S 39°20.1'E
61200	5Ed. 7/28/84 LAST NM 49/86 Add	Depths 10.2 meters 20.1 meters	(7(519)87 Taunton) 15/87 4°01'03"S 39°45'10"E 4°05'50"S 39°41'35"E
61200	5Ed. 7/28/84 LAST NM 15/87 Delete	Buoy (Fl G 4s)	(9(695)87 Taunton) 17/87 5°03.2'S 39°13.3'E
61200	5Ed. 7/28/84 LAST NM 17/87 Substitute	Depth 65 meters for 72 meters	(MCNM7969/87) 39/87 4°15.2'S 38°37.9'E
★61203	3Ed. 3/13/82	NEW EDITION	(DMAHTC) 19/82
61204	4Ed. 5/21/56 LAST NM 1A/71 Delete	Lights	(21(1342)84 Taunton) 31/84 6°09'34"S 39°11'22"E 6°10'05"S 39°11'12"E 6°09'38"S 39°11'13"E 6°09'44"S 39°11'04"E
61204	4Ed. 5/21/56 LAST NM 31/84 Add	Buoys (mooring)	(BA CH 3211) 15/87 6°07'48"S 39°12'39"E 6°07'52"S 39°12'41"E
		Submarine pipeline between	6°07'48"S 39°12'39"E 6°08'05"S 39°12'45"E
★61210	4Ed. 9/15/84 Delete	NEW EDITION R Bn (AERO)	(DMAHTC; BA RA) 44/84 4°02.1'S 39°36.9'E
	Relocate	R Bn close SE to	4°04'15"S 39°40'45"E
61210	4Ed. 9/15/84 LAST NM 44/84 Delete	R Bn (See 44/84-61210)	(BA RA) 29/85 4°04'15"S 39°40'45"E
61210	4Ed. 9/15/84 LAST NM 29/85 Add	Legend "Less water rep (1985)"	(20(1342)85 Taunton) 31/85 2°19.2'S 40°54.3'E
61210	4Ed. 9/15/84 LAST NM 31/85 Substitute	S. cardinal light beacon: YB, double cone topmark points downward, Q(6) + L Fl 15s for buoy	(23(33)85 Brest) 32/85 2°40.0'S 40°34.0'E
	Add	E. cardinal buoy: BYB, pillar, double cone topmark bases together, Q(3) 10s	2°25.7'S 40°51.0'E
61210	4Ed. 9/15/84 LAST NM 32/85 Delete	Stranded wreck	(1(61)86 Taunton) 13/86 4°02.5'S 39°43.7'E
61210	4Ed. 9/15/84 LAST NM 13/86 Add	Depths 20.1 meters 10.2 meters 10.2 meters 8.8 meters	(7(519)87 Taunton) 15/87 4°05'50"S 39°41'35"E 4°01'30"S 39°45'10"E 3°59'33"S 39°45'40"E 3°57'50"S 39°46'40"E
61210	4Ed. 9/15/84 LAST NM 15/87 Add	Legend "Less water reported (1988)" between	(50(3729)88 Taunton) 10/89 2°46.0'S 40°14.0'E 2°35.0'S 40°28.0'E
★61211	6Ed. 2/18/84 Delete	NEW EDITION (Plan A) Buoy (mooring),	(DMAHTC) 15/84 4°04'09.5"S 39°39'20.0"E

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★61211	(Continued)			15/84
		(Plans A & B)		
	Relocate	Stranded wreck (conspic) close E to		4°03'09.0"S 39°43'28.5"E
61211	6Ed. 2/18/84 LAST	NM 15/84		(13(827)84 Taunton) 21/84
		(Plan B)		
	Delete	Bn		4°01.2'S 39°43.8'E
61211	6Ed. 2/18/84 LAST	NM 21/84		(41(2675)84 Taunton) 47/84
		(Plan A)		
	Add	Wreck		4°04'35.0"S 39°39'45.8"E
★61211	6Ed. 2/18/84 LAST	NM 47/84		(NVS7425/85) 15/85
		(Plan A)		
	Delete	Bn		4°04'44"S 39°40'27"E
	Substitute	Buoy, white, for beacon		4°04'17"S 39°39'33"E
61211	6Ed. 2/18/84 LAST	NM 15/85		(9(612)85 Taunton) 17/85
		(Plan A)		
	Add	Submarine cables between		4°05'00.7"S 39°40'01.3"E
				4°04'46.2"S 39°40'04.0"E
		between		4°04'59.4"S 39°40'06.7"E
				4°04'46.5"S 39°40'05.2"E
		joining		4°03'41.4"S 39°40'50.6"E
				4°03'42.0"S 39°40'50.6"E
				4°03'43.2"S 39°41'06.0"E
61211	6Ed. 2/18/84 LAST	NM 17/85		(BA RA) 29/85
		(Plans A & B)		
	Delete	R Bn		4°04'18"S 39°40'52"E
61211	6Ed. 2/18/84 LAST	NM 29/85		(31(35)85 Brest) 40/85
		(Plans A & B)		
	Add	Buoy "Fairway", RW, pillar, L Fl 10s		4°05'28"S 39°42'59"E
61211	6Ed. 2/18/84 LAST	NM 40/85		(1(61)86 Taunton) 13/86
		(Plans A and B)		
	Substitute	Foul bottom symbol for stranded wreck		4°02'33"S 39°43'37"E
61211	6Ed. 2/18/84 LAST	NM 13/86		(11(832)86 Taunton) 24/86
		(Plans A & B)		
	Add	Buoy "KPA" red and yellow stripes, spherical		4°04'58.5"S 39°42'49.0"E
61211	6Ed. 2/18/84 LAST	NM 24/86	(MCNM7771/86; BA CH 666;	15(1105)86 Taunton) 27/86
		(Plan A)		
	Delete	Buoy "4"		4°03.4'S 39°37.1'E
	Change	Buoy to "5", GRG, conical, Fl(2+1) G		4°04.24'S 39°41'10"E
	Add	Buoys "16", R, can, Fl(2) R 5s		4°03'12"S 39°37'37"E
		"18", R, can, Fl(3) R 10s		4°03'21"S 39°37'07"E
		Submarine cable between		4°03'25"S 39°41'01"E
				4°03'30"S 39°40'43"E
		Beacon "No 13", white, double cone topmark points downward, Q(6) + L Fl 15s		4°02'35.7"S 39°38'21.6"E
		(Plans A & B)		
	Delete	Buoy "Fairway" (Supersedes 40/85-61211)		4°05'28"S 39°42'59"E
61211	6Ed. 2/18/84 LAST	NM 27/86		(7(519)87 Taunton) 15/87
		(Plan B)		
	Add	Depths 18.9 meters		4°01'08"S 39°45'02"E
		18.9 meters		3°59'25"S 39°45'49"E
		8.8 meters		3°57'23"S 39°47'06"E
		(Plans A & B)		
	Add	Depth 20.1 meters		4°06'00"S 39°41'00"E

61211	6Ed. 2/18/84 LAST	NM 15/87	(11(845)87 Taunton) 21/87
		(Plan A)	
	Delete	Depths 10.8 meters	4°05.5′S 39°41.6′E
		11.1 meters	4°05.3′S 39°41.1′E
	Add	Depths 8 meters	4°04′24.9″S 39°41′06.6″E
		11.5 meters	4°04′44.7″S 39°41′53.4″E
		10.5 meters	4°05′35.2″S 39°41′39.1″E
		7.5 meters	4°05′31.3″S 39°41′32.5″E
		7 meters	4°05′32.3″S 39°41′18.5″E
		1.5 meters	4°05′20.3″S 39°41′04.5″E
		2 meters	4°05′13.8″S 39°41′02.7″E
		4.5 meters	4°04′57.6″S 39°40′57.7″E
		3 meters	4°04′48.5″S 39°40′53.3″E
		13 meters	4°05′05.1″S 39°42′07.8″E
		12 meters	4°05′03.4″S 39°42′01.2″E
		10.5 meters	4°05′01.9″S 39°41′58.7″E
		Legends "Less water reported (1986)"	4°04′54.0″S 39°41′46.0″E
		"Less water reported (1986)"	4°03′16.2″S 39°38′30.0″E
		"Less water rep (1986)"	4°03′03.0″S 39°37′23.5″E
61211	6Ed. 2/18/84 LAST	NM 21/87	(7(519)87 Taunton) 26/87
		(Plans A & B)	
	Delete	Depth 20.1 meters	4°06′00″S 39°41′00″E
		(See 15/87-61211)	
	Add	Depth 20.1 meters	4°06′00″S 39°41′41″E
61211	6Ed. 2/18/84 LAST	NM 26/87	(MCNM7969/87) 39/87
		(Plan B)	
	Delete	Depth 119 meters "Rep (1969)"	4°03.4′S 39°45.7′E
	Substitute	Depth 65 meters for 72 meters	4°15.2′S 39°38.0′E
61211	6Ed. 2/18/84 LAST	NM 39/87	(5(408)88 Taunton) 14/88
		(Plan A)	
	Delete	Depths 12 meters	4°04′36″S 39°39′48″E
		8.9 meters	4°04′38″S 39°39′49″E
	Add	Depths 10 meters	4°04′36.0″S 39°39′47.5″E
		11.6 meters	4°04′38.5″S 39°39′50.0″E
		10 meters	4°04′42.0″S 39°39′52.0″E
61211	6Ed. 2/18/84 LAST	NM 14/88	(9(726)88 Taunton) 21/88
		(Plan A)	
	Add	Legend "Hulks"	4°04′26″S 39°39′44″E
61211	6Ed. 2/18/84 LAST	NM 21/88	(BA CH 666) 16/89
		(Plan A)	
	Delete	Stranded wreck	4°04′24″S 39°40′55″E
		Bn	4°03′40″S 39°41′03″E
		Buoys "10"	4°04′59″S 39°40′10″E
		"16"	4°03′12″S 39°37′36″E
	Change	Light to Fl R 10s	4°03′33″S 39°40′46″E
		Buoys, each to G, conical	
		"3" Fl(2) G 5s	4°04′38″S 39°41′33″E
		"5" Fl(3) G 5s	4°04′24″S 39°41′10″E
		"7" Fl G 2s	4°04′41″S 39°40′31″E
		"9" Fl(2) G 3s	4°04′49″S 39°40′08″E
		"11" Fl(3) G 5s	4°04′16″S 39°39′24″E
		Buoys, each to R, can	
		"4" Fl(2) R 5s	4°04′46″S 39°41′28″E
		"6" Fl(3) R 5s	4°04′40″S 39°41′03″E
		"8" Fl R 2s	4°04′51″S 39°40′35″E
		"12" Fl(3) R 5s	4°04′58″S 39°39′39″E
		"14" Fl R 5s	4°04′26″S 39°39′13″E
	Add	Buoy "10" R, can, Fl(2) R 3s	4°04′58″S 39°40′21″E
		Depths 8.8 meters	4°05′04″S 39°41′45″E
		6.1 meters	4°05′09″S 39°41′50″E
		35 meters Wk	4°04′36″S 39°41′20″E
		3.6 meters Wk	4°04′08″S 39°41′08″E

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SUBREGION 61

61211	(Continued)		16/89
		(Plans A & B)	
	Change	Buoys "1" to G, conical, QG	4°05'03"S 39°42'18"E
		"2" to R, can, QR	4°05'13"S 39°42'11"E

★61220	4Ed. 8/25/84	NEW EDITION	(DMAHTC; 34(2219)84 Taunton) 46/84
	Change	Light to Fl 4s 7m 5M	0°26.3'S 42°30.4'E
	Add	Light flare symbol to light dot	2°17.8'S 40°54.8'E
		Caution No. 3 to cautions note: "3. Do not use compass rose because of misalignment."	1°09.0'S 41°11.4'E
		Legends "SEE CAUTION NO 3"	0°45.0'S 42°47.0'E 1°53.0'S 43°15.0'E
61220	4Ed. 8/25/84 LAST NM 46/84		(20(1342)85 Taunton) 31/85
	Add	Legend "Less water rep (1985)"	2°19.2'S 40°54.3'E
61220	4Ed. 8/25/84 LAST NM 31/85		(3(207)89 Taunton) 14/89
	Change	Light to Fl R 4s 7m 6M	0°26.3'S 42°30.4'E

★61230	2Ed. 9/1/84	NEW EDITION	(DMAHTC; 34(2219)84 Taunton) 44/84
	Change	Light to Fl 4s 7m 5M	0°26.2'S 42°30.3'E
61230	2Ed. 9/1/84 LAST NM 44/84		(3(207)89 Taunton) 14/89
	Change	Light to Fl R 4s 7m 6M	0°26.2'S 42°30.3'E

★61231	6Ed. 9/8/84	NEW EDITION	(DMAHTC; 34(2219)84 Taunton) 45/84
		(Plan A)	
	Substitute	Light Oc 3s 3M for beacon	0°22'43"S 42°30'56"E
	Change	Buoy to red and white stripes Ra Ref	0°24'09"S 42°32'03"E
	Add	Light Fl 4s 5M	0°26'17"S 42°30'34"E
61231	6Ed. 9/8/84 LAST NM 45/84		(49(3595)86 Taunton) 10/87
		(Plan A)	
	Add	Legend "Work in Progress (1986)"	0°23'04"S 42°32'34"E
61231	6Ed. 9/8/84 LAST NM 10/87		(3(207)89 Taunton) 14/89
		(Plan A)	
	Delete	Buoys	0°24'09"S 42°32'03"E
			0°23'39"S 42°32'13"E
			0°22'54"S 42°32'15"E
			0°22'48"S 42°32'41"E
		Dashed lines joining	0°24'08"S 42°31'58"E
			0°23'42"S 42°32'21"E
			0°23'14"S 42°32'26"E
		joining	0°23'40"S 42°32'16"E
			0°23'28"S 42°32'21"E
			0°23'21"S 42°32'21"E
			0°23'04"S 42°32'20"E
			0°22'51"S 42°32'32"E
			0°23'10"S 42°32'45"E
	Substitute	Light QG for position circle "MKR 15"	0°21'29"S 42°32'38"E
		Light Oc G 2s for position circle "MKR 14"	0°21'57"S 42°32'35"E
		Lights for beacon	
		QG	0°22'34"S 42°30'50"E
		Oc G 2s	0°22'26"S 42°33'28"E
		QG	0°24'40"S 42°28'16"E
		Oc G 2s	0°24'40"S 42°29'00"E
		Oc G 2s	0°26'29"S 42°28'23"E
		QG	0°26'53"S 42°27'51"E
	Change	Lights to Oc G 2s	0°22'44"S 42°30'56"E
		Fl R 4s 7m 6M	0°26'17"S 42°30'34"E

(continued on next page)

61231 (Continued)
Change — Legends to "Lights in line 246°35'"
"Lights in line 269°25'"
"Lights in line 234°25'"
"Lights in line 325°15'"

Caution No. 2 to
"2. In the inner harbor, positions and characteristics of navigational aids are not to be relied upon. Numerous uncharted wrecks have been reported."

Add — Dashed lines joining

joining

Buoys "A" RW, pillar, ball topmark, L Fl 10s
"1" YBY, pillar, double cone topmark points together, Q(9) 15s
"2" R, pillar, QR
"3" G, pillar, QG

14/89
0°21'23"S 42°35'48"E
0°24'36"S 42°34'00"E
0°25'28"S 42°29'52"E
0°24'22"S 42°32'05"E

0°20'22"S 42°29'12"E

0°24'01"S 42°32'08"E
0°23'47"S 42°32'16"E
0°23'35"S 42°32'23"E
0°23'13"S 42°32'27"E

0°23'10"S 42°32'45"E
0°22'52"S 42°32'33"E
0°23'02"S 42°32'22"E
0°23'33"S 42°32'18"E
0°23'40"S 42°32'05"E

0°24'43"S 42°32'19"E

0°24'01"S 42°32'08"E
0°23'40"S 42°32'05"E
0°23'47"S 42°32'16"E

★61240 6Ed. 7/2/88 — NEW EDITION — (DMAHTC) 38/88

61240 6Ed. 7/2/88 LAST NM 38/88
Change — Light to Oc R 7M — (BA LL) 40/88
2°01.5'N 45°20.5'E

61240 6Ed. 7/2/88 LAST NM 40/88
(Plan) — (33(2531)88 Taunton; BA CH 671) 43/88
Delete — Range lights, range line and legend between

2°01'53"N 45°20'19"E
2°01'16"N 45°21'01"E

Add — Range lights,
front FR 16m 5M
rear FR 37m 5M

2°01'49.8"N 45°20'27.2"E
2°01'53.4"N 45°20'23.1"E

Range line extending in 131° direction from above rear light dashed for 1000 meters, thence solid for 750 meters

Legend "Lights in line 311°" along above range line

2°01'30.0"N 45°20'50.0"E

Depths 14.3 meters
10.6 meters

2°01'17.5"N 45°21'03.0"E
2°01'29.0"N 45°21'16.6"E

61240 6Ed. 7/2/88 LAST NM 43/88
Change — Note in upper right margin of chart to "SOUNDINGS IN METERS
(Under 20 in meters and decimeters)
reduced to the approximate level of
Mean Low Water Springs
HEIGHTS IN METERS ABOVE
MEAN SEA LEVEL" — (MCNM8189/88) 2/89

★61250 3Ed. 12/1/84 — NEW EDITION — (DMAHTC) 6/85

★61260 3Ed. 12/15/84 — NEW EDITION — (DMAHTC) 9/85

61260 3Ed. 12/15/84 LAST NM 9/85
Add — Stranded wreck (conspic) (PA) — (24(1817)88 Taunton) 34/88
6°09.0'N 49°01.7'E

★61270 3Ed. 8/4/84 — NEW EDITION — (DMAHTC) 41/84

★61280 3Ed. 5/5/84 — NEW EDITION — (DMAHTC) 26/84

SUBJECT INDEX
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61280	3Ed. 5/5/84 LAST NM 26/84		(49(3596)86 Taunton) 10/87
	Add	Light F 8M (PA)	9°29.0'N 50°49.0'E
★61280	3Ed. 5/5/84 LAST NM 10/87		(MCNM7915/87) 11/87
	Relocate	Light close E to	10°26'35"N 51°24'50"E
		and change to Fl(2) 35s 107m 4M	
★61300	1Ed. 6/28/86	NEW CHART	(DMAHTC) 49/86
61300	1Ed. 6/28/86 LAST NM 49/86		(44(3334)87 Taunton) 52/87
	Delete	Depth 77 meters	12°14.1'S 47°47.0'E
	Add	Depths 24 meters "Rep (1987)"	12°12.6'S 47°56.2'E
		41 meters "Rep (1987)"	12°14.8'S 47°46.1'E
61300	1Ed. 6/28/86 LAST NM 52/87		(38(43)87 Brest) 3/88
	Delete	Depth 530 meters	12°11.2'S 48°02.1'E
	Add	Depths 60 meters	12°11.1'S 48°02.1'E
		53 meters	12°12.8'S 47°51.9'E
		41 meters	12°14.0'S 47°43.1'E
61300	1Ed. 6/28/86 LAST NM 3/88		(MCNM1041/89) 18/89
	Delete	Islet	12°18.3'S 46°33.4'E
			12°21.5'S 46°30.6'E
★61301	4Ed. 6/23/79	NEW EDITION	(DMAHTC) 30/79
61301	4Ed. 6/23/79 LAST NM 30/79		(47(3122)85 Taunton) 8/86
		(Plan H)	
	Delete	Stranded wreck (PA)	10°14.0'S 51°05.6'E
	Add	Stranded wreck (conspic) (PA)	10°14.2'S 51°06.1'E
61301	4Ed. 6/23/79 LAST NM 8/86		(35(2660)87 Taunton) 45/87
		(And Plan G)	
	Add	Light F 13m 12M	9°23'50"S 46°12'09"E
★61310	1Ed. 3/20/82	NEW CHART	(DMAHTC; US CH 61012) 21/82
	Add	Depth 73 meters enclosed by dotted line oblong, N-S axis 3 miles by 1¼ miles wide, centered	11°58.75'S 43°30.00'E
61310	1Ed. 3/20/82 LAST NM 21/82		(DMAHTC) 22/82
	Add	Danger circle to depth 1.3 meters	12°42.5'S 45°10.5'E
		Depth contour (20-meter) to depth 14 meters	12°42.2'S 45°10.0'E
61310	1Ed. 3/20/82 LAST NM 22/82		(23(34)83 Brest) 42/83
	Delete	Range light, range line and legend "2 Lights in line 102°" between	12°08.5'S 44°17.5'E
			12°09.8'S 44°23.3'E
61310	1Ed. 3/20/82 LAST NM 42/83		(15(22)83 Brest) 45/83
	Relocate	Bn close NW to	12°43.6'S 45°10.8'E
	Add	Depths 11 meters	12°42.6'S 45°08.6'E
		19 meters	12°42.8'S 45°09.5'E
61310	1Ed. 3/20/82 LAST NM 45/83		(35(28)83 Brest) 50/83
	Add	Submerged rock	12°56.3'S 45°04.3'E
61310	1Ed. 3/20/82 LAST NM 50/83		(BA LL) 42/84
	Change	Lights to QR 7m 10M	12°52.3'S 45°12.8'E
			12°52.4'S 45°13.0'E
61310	1Ed. 3/20/82 LAST NM 42/84		(BA LL) 49/84
	Delete	Light, range line and legend "2...198°" in vicinity	12°13.1'S 43°45.5'E
61310	1Ed. 3/20/82 LAST NM 49/84		(29(38)84 Brest; Fr LL) 2/85
	Change	Lights, front to QR 21m 10M	12°52.4'S 45°13.0'E
		rear to QR 54m 14M	12°52.3'S 45°12.8'E
		(Supersedes 42/84-61310)	

61310	1Ed. 3/20/82 LAST NM 2/85		(38(46)85 Brest) 50/85
	Substitute	Bns, each white for light	12°10.3'S 44°23.1'E 12°10.5'S 44°23.4'E
	Change	Legend to "Bns in line 134""	12°07.1'S 44°19.7'E
	Add	Light F	12°09.8'S 44°23.5'E
61310	1Ed. 3/20/82 LAST NM 50/85		(4(18)86 Brest) 17/86
	Delete	Legend "Uncov 5m"	11°48.7'S 43°00.3'E
		Light, range line and legend "2 lights lin line 051"" between	11°41.2'S 43°14.6'E 11°45.9'S 43°09.2'E
	Change	Legend to "Reported to lie 2 miles SE. Always covered with a minimum of 4.9 meters of water"	11°49.6'S 43°07.3'E
		Coral reef which covers and uncovers to coral reef covered at chart sounding datum centered	11°48.6'S 43°01.6'E
	Add	Stranded wreck (PA)	11°55.6'S 43°28.9'E
61310	1Ed. 3/20/82 LAST NM 17/86		(BA LL) 37/86
	Change	Light to Oc(2) R (See 50/85-61310)	12°09.8'S 44°23.5'E
61310	1Ed. 3/20/82 LAST NM 37/86		(11(50)86 Brest) 43/86
	Delete	Danger circle, blue tint and legend "Breakers PA Rep (1970)"	11°54.2'S 43°31.2'E
61310	1Ed. 3/20/82 LAST NM 43/86		(Fr LL; 24(605)86 Dehra Dun) 11/87
	Change	Range lights, front to Fl R 4s 21m 6M rear to QR 54m 6M	12°52.4'S 45°13.0'E 12°52.3'S 45°12.8'E
61310	1Ed. 3/20/82 LAST NM 11/87		(2(35)87 Brest) 16/87
	Add	Stranded wreck	12°46'34"S 45°15'49"E
61310	1Ed. 3/20/82 LAST NM 16/87		(2(26)88 Brest) 16/88
	Change	Range lights, front to Dir QR 21m 6M rear to Dir QR 54m 6M	12°52.4'S 45°13.0'E 12°52.3'S 45°12.8'E
★61311	3Ed. 3/13/82	NEW EDITION	(DMAHTC) 19/82
61311	3Ed. 3/13/82 LAST NM 19/82 (Plan B)		(15(22)83 Brest) 29/83
	Add	Chartlet, depicting changes in hydrography and aids to navigation, from back of Section I	12°47'S 45°15'E
61311	3Ed. 3/13/82 LAST NM 29/83 (Plan D)		(23(34)83 Brest) 42/83
	Delete	Range lights, range line and legend "Lights in line 102"" between	12°09'31"S 44°22'24"E 12°09'50"S 44°23'55"E
61311	3Ed. 3/13/82 LAST NM 42/83 (Plan B)		(27(36)83 Brest) 47/83
	Add	Submarine cable between	12°46'30"S 45°13'42"E 12°46'44"S 45°15'10"E
61311	3Ed. 3/13/82 LAST NM 47/83 (Plan C)		(BA LL) 49/84
	Delete	Range lights, range line and legend "Lights...198"" in vicinity	12°16'35"S 43°44'35"E
61311	3Ed. 3/13/82 LAST NM 49/84 (Plan D)		(7(485)85 Taunton) 13/85
	Add	Legend "Work in progress (1985)"	12°09'48"S 44°23'30"E

61311	3Ed. 3/13/82 LAST	NM 13/85		(2(47)85 Brest; 2(102)85 Taunton) 17/85
	Add	Note in lower right margin of chart "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region A. For further explanation, see annual NM 1(6) and Chart No. 1."		
		(Plan B)		
	Delete	Buoy (mooring)		12°45'30"S 45°15'52"E
	Relocate	Buoys (mooring) (12°45'45"S 45°16'30"E) to (12°45'48"S 45°16'27"E)		12°45'42"S 45°16'25"E 12°45'45"S 45°16'20"E
	Change	Buoy to starboard buoy: G, conical, cone topmark		12°45'44"S 45°15'12"E
		Buoy to port buoy: R, pillar, can topmark		12°45'53"S 45°15'08"E
	Add	Buoy (mooring)		12°46'00"S 45°15'42"E
61311	3Ed. 3/13/82 LAST	NM 17/85		(49(52)85 Brest) 19/85
		(Plan B)		
	Change	Buoy to W. cardinal buoy: YBY, pillar, double cone topmark points together, Q(9) 15s (See 29/83-61311)		12°46'34"S 45°14'42"E
★61311	3Ed. 3/13/82 LAST	NM 19/85		(HNNM7578/85) 39/85
		(Plan D)		
	Delete	Buoy (mooring)		12°09'36"S 44°22'27"E
	Add	Buoys (mooring)		12°09'50"S 44°23'27"E 12°09'52"S 44°23'20"E
61311	3Ed. 3/13/82 LAST	NM 39/85		(38(46)85 Brest) 50/85
		(Plan D)		
	Delete	Bn		12°09'49"S 44°23'38"E
		Buoys		12°08'31"S 44°25'09"E 12°08'29"S 44°25'09"E
	Substitute	Bns, each white for lights		12°10'21"S 44°23'09"E 12°10'33"S 44°23'23"E
	Change	Legends to "Beacons in line 134"" "Beacons in line 184""		12°10'00"S 44°22'48"E 12°09'54"S 44°23'09"E
	Add	Light F		12°09'46.0"S 44°23'33.5"E
61311	3Ed. 3/13/82 LAST	NM 50/85		(45(2990)85 Taunton) 6/86
		(Plan D)		
	Add	Light Q 79m 5M		12°09'50"S 44°23'55"E
61311	3Ed. 3/13/82 LAST	NM 6/86		(4(18, 19)86 Brest) 17/86
		(Plan A)		
	Delete	Range lights, range line and legend "Lights in line 051"" between		11°41'27"S 43°14'41"E 11°42'07"S 43°13'50"E
		Note: Legend "Water Tr" remains		
		Position circles "Rock"		11°41'47"S 43°14'30"E
		"Rock"		11°42'25"S 43°13'57"E
		"TANK"		11°42'12"S 43°14'16"E
	Add	Position circle		11°41'27"S 43°14'41"E
		Bns, each white, front rear		11°42'05.8"S 43°14'17.8"E 11°42'15.4"S 43°14'19.1"E
		Range line extending in 352° direction from above rear beacon dashed for 760 meters, thence solid for 1000 meters Legend "Beacons in line 172"" along above range line		11°41'24"S 43°14'13"E

(continued on next page)

61311	(Continued)		
		(Plan B)	17/86
	Add	Depths 7.6 meters	12°45'58"S 45°16'01"E
		9.9 meters	12°46'02"S 45°15'46"E
61311	3Ed. 3/13/82 LAST NM 17/86		
		(Plan D)	(8(47)86 Brest) 18/86
	Delete	Buoys (mooring)	12°09'50"S 44°23'27"E
			12°09'52"S 44°23'20"E
		(See 39/85-61311)	
61311	3Ed. 3/13/82 LAST NM 18/86		
		(Plan D)	(BA LL) 37/86
	Change	Light to Oc(2) R 5s 13M	12°09'46"S 44°23'33"E
		(See 50/85-61311)	
61311	3Ed. 3/13/82 LAST NM 37/86		
		(Plan B)	(Fr LL) 43/86
	Change	Visibility (range) of light to 7M	12°46'46"S 45°15'21"E
		(See 29/83-61311)	
61311	3Ed. 3/13/82 LAST NM 43/86		
		(Plan A)	(21(36)86 Brest) 47/86
	Delete	Depths 35 meters	11°42'03"S 43°14'08"E
		61 meters	11°42'04"S 43°14'05"E
		45 meters	11°42'06"S 43°14'05"E
		37 meters	11°42'09"S 43°14'04"E
		27 meters	11°42'10"S 43°14'03"E
		39 meters	11°42'12"S 43°14'01"E
		40 meters	11°42'15"S 43°13'59"E
		23 meters	11°42'16"S 43°13'58"E
		34 meters	11°42'18"S 43°13'57"E
		29 meters	11°42'19"S 43°13'56"E
		65 meters	11°42'20"S 43°13'53"E
		29 meters	11°42'22"S 43°13'54"E
		Depth contour (50-meter) between	11°42'05"S 43°14'06"E
			11°42'22"S 43°13'53"E
61311	3Ed. 3/13/82 LAST NM 47/86		
		(Plan B)	(2(35)87 Brest) 16/87
	Add	Stranded wreck	12°46'34.2"S 45°15'49.2"E
		(See 29/83-61311)	
61311	3Ed. 3/13/82 LAST NM 16/87		
		(Plan D)	(Fr CH 4806) 39/87
	Add	Anchorage symbol (large vessels)	12°08'24"S 44°24'56"E
61311	3Ed. 3/13/82 LAST NM 39/87		
		(Plan B)	(BA LL) 49/87
	Change	Characteristic of lights to Fl(4) R 15s	12°46.5'S 45°13.8'E
		Fl(2) G 6s	12°46.8'S 45°15.1'E
		Fl R 4s	12°46.8'S 45°15.4'E
		(See 29/83-61311)	
61311	3Ed. 3/13/82 LAST NM 49/87		
		(Plan B)	(49(53)87 Brest) 12/88
	Delete	Buoy (mooring)	12°46'24"S 45°15'08"E
	Add	Buoy (mooring)	12°46'28"S 45°15'27"E
		(See 29/83-61311)	
61311	3Ed. 3/13/82 LAST NM 12/88		
		(Plan B)	(24(36)88 Brest) 42/88
	Delete	Depths 13 meters	12°46'08"S 45°15'57"E
		19 meters	12°46'09"S 45°14'41"E
		19 meters	12°46'29"S 45°14'33"E
		16 meters	12°46'22"S 45°14'41"E
		13 meters	12°44'54"S 45°14'56"E
		17 meters	12°45'07"S 45°15'02"E
		20 meters	12°48'08"S 45°15'42"E
		5.7 meters	12°46'08"S 45°15'18"E

(Continued on next page)

61311	(Continued)		42/88
	Add	Depths 9.4 meters	12°46'07"S 45°16'00"E
		13.5 meters	12°46'12"S 45°14'41"E
		10.4 meters	12°46'33"S 45°14'29"E
		7.8 meters (SD)	12°46'24"S 45°14'42"E
		8.5 meters	12°44'54"S 45°14'55"E
		9.8 meters	12°45'06"S 45°15'02"E
		9.9 meters	12°45'18"S 45°15'54"E
		9.2 meters	12°48'11"S 45°15'42"E
		13.2 meters	12°48'55"S 45°14'26"E
		1.2 meters	12°46'07"S 45°15'18"E
		2.4 meters	12°46'33"S 45°14'13"E
		3.6 meters	12°46'23"S 45°14'22"E
		3.2 meters	12°47'53"S 45°15'43"E
		Legend "Less water"	12°46'21"S 45°14'58"E
★61312	2Ed. 7/20/85	NEW EDITION	(DMAHTC; Fr LL) 40/85
	Change	Buoy to G, conical, cone topmark (Previously published 34/85)	12°43.72'S 45°13.83'E
	Change	Buoy to R, conical, Fl(2)	12°37.72'S 45°07.30'E
61312	2Ed. 7/20/85 LAST NM 40/85		(4(19)86 Brest) 17/86
	Delete	Depth 9.2 meters	12°45.95'S 45°16.03'E
	Add	Depths 11.1 meters	12°43.83'S 45°14.22'E
		7.6 meters	12°45.96'S 45°16.02'E
		9.6 meters	12°43.74'S 45°13.99'E
		9.9 meters	12°46.04'S 45°15.77'E
61312	2Ed. 7/20/85 LAST NM 17/86		(2(35)87 Brest) 16/87
	Add	Stranded wreck	12°46'35"S 45°15'49"E
61312	2Ed. 7/20/85 LAST NM 16/87		(11(46)87 Brest) 22/87
	Add	Depth 8.8 meters	12°39.27'S 45°07.31'E
61312	2Ed. 7/20/85 LAST NM 22/87		(BA LL) 49/87
	Change	Characteristic of lights to Fl(4) R 15s	12°46.5'S 45°13.8'E
		Fl(2) G 6s	12°46.8'S 45°15.1'E
		Fl R 4s	12°46.8'S 45°15.4'E
61312	2Ed. 7/20/85 LAST NM 49/87		(49(53)87 Brest) 12/88
	Delete	Buoy (mooring)	12°46.4'S 45°15.1'E
61312	2Ed. 7/20/85 LAST NM 12/88		(22(29)88 Brest) 42/88
	Delete	Depths 15 meters	12°43.8'S 45°14.6'E
		17 meters	12°44.0'S 45°14.6'E
		19 meters	12°46.2'S 45°14.7'E
		19 meters	12°46.5'S 45°14.6'E
		15 meters	12°43.9'S 45°14.7'E
		6.6 meters	12°43.9'S 45°14.8'E
		5.7 meters	12°46.1'S 45°15.3'E
		15 meters	12°44.1'S 45°14.2'E
		13 meters	12°44.9'S 45°14.9'E
		16 meters	12°46.4'S 45°14.7'E
		23 meters	12°43.8'S 45°14.4'E
	Substitute	Depth 9.4 meters for 13 meters	12°46.12'S 45°15.98'E
	Add	Depth 10.9 meters	12°43.82'S 45°14.56'E
		12.6 meters	12°44.01'S 45°14.52'E
		13.3 meters	12°44.63'S 45°14.76'E
		13.5 meters	12°46.20'S 45°14.68'E
		10.4 meters	12°46.55'S 45°14.51'E
		4.9 meters	12°43.95'S 45°14.70'E
		1.2 meters	12°46.12'S 45°15.30'E
		6.1 meters	12°44.10'S 45°14.15'E
		7.8 meters	12°44.20'S 45°14.38'E
		6 meters	12°44.32'S 45°14.43'E
		8.5 meters	12°44.92'S 45°14.93'E
		9.9 meters	12°45.30'S 45°15.90'E
		7.8 meters (SD)	12°46.41'S 45°14.72'E
		12.4 meters	12°43.78'S 45°14.44'E
		3.6 meters	12°46.38'S 45°14.39'E
		2.4 meters	12°46.54'S 45°14.23'E

(continued on next page)

61312	(Continued) Add	Legend "Less water" between	42/88 12°46.28'S 45°14.92'E 12°46.49'S 45°15.25'E
★61331	2Ed. 11/6/82	NEW EDITION	(DMAHTC) N2/83
61331	2Ed. 11/6/82 LAST NM 2/83 Delete	Light	(23(35)83 Brest) N42/83 12°16'11"S 49°17'52"E
61333	2Ed. 6/48 LAST NM 1A/71 Change	Note in lower center margin of chart to "Users should refer corrections, additions, and comments for improving this product to: DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/ TOPOGRAPHIC CENTEP., ATTN: PR, Washington, D.C. 20315-0030."	(MCNM7926/87) 32/87
★61400	1Ed. 8/16/86	NEW CHART	(DMAHTC) 49/86
61400	1Ed. 8/16/86 LAST NM 49/86 Change	Visibility (range) of light to 27M	(3(54)89 Lisboa) 23/89 15°02.8'S 40°47.0'E
★61410	1Ed. 8/31/85 Delete	NEW CHART Purple 0°-to-center line between	(DMAHTC) 48/85 11°34.4'S 46°41.2'E 11°44.1'S 46°40.2'E
	Add	Purple 0°-to-center line with arrowhead between	11°34.4'S 46°38.8'E 11°44.1'S 46°40.0'E
61410	1Ed. 8/31/85 LAST NM 48/85 Substitute	Depths 2779 meters for 1520 meters 2624 meters for 1435 meters 896 meters for 869 meters	(HNNM7657/85) 4/86 11°27'45"S 49°09'50"E 11°29'10"S 49°13'43"E 11°45'00"S 49°12'10"E
	Add	Obscured sector 322°-066° to light	11°57'20"S 49°16'20"E
61410	1Ed. 8/31/85 LAST NM 4/86 Add	Depths 24 meters "Rep (1987)" 41 meters "Rep (1987)"	(44(3334)87 Taunton) 52/87 12°12'20"S 47°56'22"E 12°14'35"S 47°45'30"E
61410	1Ed. 8/31/85 LAST NM 52/87 Delete	Depth 530 meters	(38(43)87 Brest) 3/88 12°11.5'S 48°01.7'E
	Add	Depths 60 meters 71 meters 61 meters 53 meters 342 meters 48 meters 41 meters	12°11'12"S 48°01'35"E 12°11'40"S 47°59'25"E 12°11'48"S 47°58'25"E 12°13'10"S 47°51'30"E 12°14'52"S 47°42'00"E 12°14'05"S 47°47'22"E 12°14'42"S 47°43'23"E
61410	1Ed. 8/31/85 LAST NM 3/88 Delete	Depth 19 meters	(16(1209)88 Taunton) 27/88 13°28.5'S 48°00.2'E
	Add	Depth 11 meters	13°28.3'S 48°00.2'E
★61420	1Ed. 10/5/85 Add	NEW CHART Purple circle to position circle Note: R Bn (AERO)	(DMAHTC) 48/85 15°40.4'S 46°20.2'E
61420	1Ed. 10/5/85 LAST NM 48/85 Substitute	Depth 3180 meters for 2180 meters	(HNNM7657/85) 4/86 13°18'00"S 47°20'30"E
61420	1Ed. 10/5/85 LAST NM 4/86 Add	Chartlets, depicting changes in hydrography, from back of Section I (A) (B)	(HNNM7657/85) 21/86 13°22'S 47°47'E 13°22'S 48°10'E

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61420	1Ed. 10/5/85 LAST NM 21/86			(16(1209)88 Taunton) 27/88
	Delete	Depth 19 meters		13°28.5'S 48°00.2'E
		(See 21/86-61420)		
	Add	Depth 11 meters		13°28.3'S 48°00.2'E
★61430	1Ed. 9/28/85	NEW CHART		(DMAHTC) 49/85
61430	1Ed. 9/28/85 LAST NM 49/85			(DMAHTC) 33/87
	Add	Chartlets, depicting changes in hydrography, from back of Section I		
		(A)		16°12.5'S 43°31.0'E
		(B)		16°12.5'S 43°55.2'E
		(C)		16°12.5'S 44°19.0'E
★61433	1Ed. 3/2/85	NEW CHART		(DMAHTC; Fr RA; Fr LL) 33/85
	Delete	R Bn (AERO) at light and change legend to "AERO Fl(4) 12s"		15°40.25'S 46°20.89'E
	Change	Light to Oc 6s 58m 13M		15°47.90'S 46°22.20'E
		Characteristic of buoy to Iso		15°43.50'S 46°17.10'E
61433	1Ed. 3/2/85 LAST NM 33/85			(Fr LL) 36/85
	Change	Light Oc(3) WRG 12s 42m 14-9M		15°47.1'S 46°18.0'E
		Note: Sectors unchanged		
61433	1Ed. 3/2/85 LAST NM 36/85			(Fr LL) 38/85
	Change	Light to Oc(3) WRG 12s 42m 14-9M		
		Note: Sectors unchanged		15°42.9'S 46°18.0'E
		(Cancels 36/85-61433)		
61433	1Ed. 3/2/85 LAST NM 38/85			(HNNM7578/85) 39/85
	Relocate	Buoy close N to	(PA)	15°42'55"S 46°16'59"E
		(See 33/85-61433)		
	Add	Legend "(Missing)" to buoys		15°23'55"S 46°14'49"E
				15°35'55"S 46°11'13"E
				15°39'48"S 46°12'22"E
★61434	1Ed. 5/4/85	NEW CHART		(DMAHTC; Fr RA; Fr LL) 33/85
	Delete	R Bn (AERO) at light and change legend to "Aero Fl(4) 12s"		15°40'13"S 46°20'52"E
	Change	Characteristic of buoy to Iso		15°43'29"S 46°17'06"E
61434	1Ed. 5/4/85 LAST NM 33/85			(HNNM7578/85) 39/85
	Relocate	Buoy close N to	(PA)	15°42'55"S 46°16'59"E
		(See 33/85-61434)		
	Add	Legend "(Missing)" to buoy		15°39'50"S 46°12'22"E
61434	1Ed. 5/4/85 LAST NM 39/85			(4(20)86 Brest) 17/86
	Delete	Depths 17 meters		15°38'28"S 46°11'28"E
		17 meters		15°38'49"S 46°11'46"E
		13 meters		15°39'12"S 46°11'24"E
		14 meters		15°39'36"S 46°12'00"E
		13 meters		15°39'49"S 46°11'56"E
		14 meters		15°40'25"S 46°12'56"E
		15 meters		15°41'46"S 46°15'19"E
		15 meters		15°41'51"S 46°15'35"E
		17 meters		15°42'09"S 46°15'50"E
	Add	Depths 11 meters		15°38'30"S 46°11'25"E
		10.5 meters		15°38'50"S 46°11'40"E
		10 meters		15°39'15"S 46°11'25"E
		8.5 meters		15°39'42"S 46°11'55"E
		9 meters		15°39'54"S 46°11'55"E
		9 meters		15°40'35"S 46°12'48"E
		8.5 meters		15°40'27"S 46°13'01"E
		8.5 meters		15°41'00"S 46°13'58"E
		12 meters		15°41'48"S 46°15'24"E
		12 meters		15°42'12"S 46°15'55"E

★61440	1Ed. 9/28/85	NEW CHART	(DMAHTC) 48/85
	Change	Line 4 of note to "conversion to IALA Maritime Buoyage System in Region A."	
			17°26.3'S 44°05.7'E
61440	1Ed. 9/28/85 LAST	NM 48/85	
	Change	Period of light to 12s	(37(42)85 Brest) 50/85 17°03.1'S 42°41.8'E
61440	1Ed. 9/28/85 LAST	NM 50/85	
	Change	Period of light to 15s (Supersedes 50/85-61440)	(10(52)86 Brest) 24/86 17°03.1'S 42°41.8'E
61440	1Ed. 9/28/85 LAST	NM 24/86	
	Delete	Stranded wreck (conspic)	(33(2381)86 Taunton) 40/86 17°01.0'S 42°44.7'E
61440	1Ed. 9/28/85 LAST	NM 40/86	
	Delete	Beacon	(36(37)86 Brest) 44/86 17°03.7'S 42°44.0'E
	Add	Depth 0.2 meter Wk	17°02.2'S 42°39.4'E
61440	1Ed. 9/28/85 LAST	NM 44/86	
	Delete	Stranded wreck	(52(37)87 Brest) 16/88 17°01.5'S 42°40.6'E
★61450	1Ed. 8/23/86	NEW CHART	(DMAHTC; 33(2381)86 Taunton; Fr CH 5506, 5376) 48/86 17°01'S 42°45'E
	Delete	Stranded wreck (conspic)	
	Change	Lines 1-4 of cautions note to "1. Less water than charted may exist in the area north of 19°47'S inside the 100-meter curve on the coast of Madagascar. 2. Reserved."	18°23'S 35°11'E
	Add	Legend "CAUTION NO 1"	16°35'S 43°20'E 17°37'S 43°17'E 18°54'S 43°53'E
★61460	1Ed. 9/7/85	NEW CHART	(DMAHTC) 48/85
★61470	1Ed. 8/17/85	NEW CHART	(DMAHTC) 45/85
61470	1Ed. 8/17/85 LAST	NM 45/85 (Panel A)	(HNNM7657/85) 23/86
	Add	Chartlet, depicting changes in hydrography, from back of Section I	21°42.5'S 43°14.5'E
61470	1Ed. 8/17/85 LAST	NM 23/86 (Panel A)	(HNNM7657/85) 27/86
	Add	Chartlet, depicting changes in hydrography, from back of Section I (Cancels 23/86-61470)	21°42.5'S 43°14.5'E
★61472	1Ed. 5/18/85	NEW CHART	(DMAHTC) 30/85
★61500	1Ed. 7/19/86	NEW CHART	(DMAHTC) 49/86
★61510	1Ed. 9/28/85	NEW CHART	(DMAHTC) 17/86
★61510	1Ed. 9/28/85 LAST	NM 17/86 (Panel B)	(MCNM1036/89) 18/89
	Add	Depth 48 meters "Rep (1988)"	25°42.0'S 45°40.0'E
★61520	1Ed. 10/5/85	NEW CHART	(DMAHTC) 49/85
61520	1Ed. 10/5/85 LAST	NM 49/85 (Panel A)	(HNNM7657/85) 5/86
	Change	Omega value "BE-1100" to "BE-1110"	25°12'45"S 47°05'15"E

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61520	1Ed. 10/5/85 LAST NM 5/86 (Panel A)		(HNNM7713/86) 12/86
	Change	Legend "ANNUAL CHANGE 3" W" to "ANNUAL CHANGE 3" E"	23°50'15"S 48°08'00"E
61520	1Ed. 10/5/85 LAST NM 12/86 (Panel A)		(HNNM7657/85) 24/86
	Add	Chartlet, depicting changes in hydrography, from back of Section I	25°12'S 47°06'E

★61522	1Ed. 12/21/85	NEW CHART	(DMAHTC) 8/86

★61530	1Ed. 9/21/85	NEW CHART	(DMAHTC) 48/85

★61538	1Ed. 6/8/85	NEW CHART	(DMAHTC; Fr CH 6150) 33/85
	Substitute	Dashed line for solid line between	18°05'44"S 49°24'06"E 18°05'58"S 49°26'00"E
	Change	Line 2 of caution note to "in the region of Toamasina. They can reach 6°."	18°00'00"S 49°22'48"E
61538	1Ed. 6/8/85 LAST NM 33/85		(25(1669)85 Taunton) 34/85
	Add	Depth 70 meters "Rep"	18°08'00"S 49°36'00"E
61538	1Ed. 6/8/85 LAST NM 34/85		(13(976)86 Taunton) 23/86
	Delete	Depth 70 meters "Rep" (Supersedes 34/85-61538)	18°08'00"S 49°36'00"E

★61540	1Ed. 8/24/85	NEW CHART	(DMAHTC; 25(1669)85 Taunton) 45/85
	Delete	R Bn (AERO)	15°25.8'S 49°41.0'E
	Add	Depth 70 meters	18°08.1'S 49°35.8'E
61540	1Ed. 8/24/85 LAST NM 45/85		(13(976)86 Taunton) 23/86
	Delete	Depth 70 meters (See 45/85-61540)	18°08.1'S 49°35.8'E
61540	1Ed. 8/24/85 LAST NM 23/86		(HNNM7657/85) 26/86
	Add	Chartlets, depicting changes in hydrography, from back of Section I	
		(A)	18°03'S 49°35'E
		(B)	18°03'S 50°05'E

★61541	6Ed. 10/8/83	NEW EDITION	(DMAHTC; BA LL) 51/83
	Change	Legend "AERO" to "AERO Q (occas)"	4°37'05"S 55°28'15"E
61541	6Ed. 10/8/83 LAST NM 51/83		(HNNM7738/86) 16/86
	Add	Purple dashed lines joining	4°54.0'S 55°40.9'E 4°51.0'S 55°42.5'E 4°30.0'S 55°39.0'E 4°26.0'S 55°32.0'E 4°07.0'S 55°32.5'E
		joining	4°54.0'S 55°31.8'E 4°48.5'S 55°34.5'E 4°37.0'S 55°33.5'E
		between	4°33.0'S 55°26.0'E 4°07.0'S 55°25.5'E
		Legend "See Approach Routes Note"	4°51.5'S 55°37.5'E 4°07.6'S 55°29.2'E
		Note "PORT VICTORIA APPROACH ROUTES Vessels entering or leaving Port Victoria are required, as far as practicable, to stay within the northern and southern charted approach limits indicated by purple dashed lines."	4°23.1'S 55°10.0'E

61541	6Ed. 10/8/83 LAST NM 16/86		(39(2831)86 Taunton) 2/87
	Add	Position circles "Fishing raft"	4°34.0'S 55°21.9'E
			4°34.0'S 55°18.1'E
			4°37.9'S 55°16.1'E
			4°41.9'S 55°17.0'E
★61542	4Ed. 5/4/85	NEW EDITION	(DMAHTC) 27/85
61542	4Ed. 5/4/85 LAST NM 27/85		(5!(3408)85 Taunton) 13/86
	Substitute	Buoys, each G, conical, for	
		position circle "No 5 Bn"	4°37.01'S 55°27.93'E
		position circle "No 7 Bn"	4°37.12'S 55°27.85'E
		Buoy, R, can, for	
		position circle "No 4 Bn"	4°37.20'S 55°28.02'E
	Add	Buoy, R, can (PA)	4°37.18'S 55°27.81'E
		Legend "Works in progress (1985)"	4°37.50'S 55°27.88'E
61542	4Ed. 5/4/85 LAST NM 13/86		15)86 Brest) 14/86
	Delete	Position circle "Bn"	37.33'S 55°27.61'E
★61542	4Ed. 5/4/85 LAST NM 14/86		(MCNM/C04/86) 32/86
	Delete	Buoys	4°37.4'S 55°28.0'E
			4°37.3'S 55°28.1'E
	Substitute	Beacons each (minor), G	
		"No. 5" for buoy	4°37.01'S 55°27.93'E
		"No. 7" for buoy	4°37.12'S 55°27.85'E
		Beacon (minor), "No. 4", R, for buoy	4°37.20'S 55°28.02'E
		(See 13/86-61542)	
	Add	Buoys (mooring)	4°37.36'S 55°28.08'E
			4°37.32'S 55°28.00'E
61542	4Ed. 5/4/85 LAST NM 32/86		(38(2886)87 Taunton) 47/87
	Add	Depth 8.3 meters	4°37.45'S 55°27.86'E
		Legends "Works in progress (1986)"	4°37.90'S 55°28.50'E
			4°38.65'S 55°28.90'E
61542	4Ed. 5/4/85 LAST NM 47/87		(BA CH 722) 13/89
	Delete	Legend "(disused)"	4°36'29"S 55°29'58"E
	Add	Submerged pipeline between	4°36'22.0"S 55°29'53.0"E
			4°36'16.7"S 55°29'39.5"E
		Buoy	4°36'16.7"S 55°29'39.5"E
		Buoys (mooring)	4°36'11.3"S 55°29'32.3"E
			4°36'13.0"S 55°29'41.3"E
			4°36'15.0"S 55°29'40.3"E
			4°36'17.6"S 55°29'39.0"E
			4°36'17.6"S 55°29'36.2"E
★61550	1Ed. 0/28/86	NEW CHART	(DMAHTC) 41/86
	Delete	Legend "Bn"	22°18.0'S 48°06.0'E
61550	1Ed. 6/28/86 LAST NM 41/86		(BA CH 689) 34/87
	Add	Light 2 FG 9/7M	21°18.9'S 55°29.1'E
61550	1Ed. 6/28/86 LAST NM 34/87		(46(3437)88 Taunton) 4/89
	Add	R Bn (AERO)	20°16.8'S 57°21.7'E
61550	1Ed. 6/28/86 LAST NM 4/89		(BA LL) 11/89
	Change	Light to Iso R 10M	20°09.5'S 57°30.0'E
★61551	2Ed. 10/9/82	NEW EDITION	(DMAHTC) 48/82

6.1

★61560	1Ed. 9/21/85	NEW CHART	(DMAHTC; 41(18)68 Brest) 2/86
	Add	(Panel A) "EXPLOSIVES DUMPING AREA" bound by purple dashed line joining	15°07'S 50°52'E 15°12'S 50°52'E 15°12'S 50°47'E 15°07'S 50°47'E
★61562	1Ed. 8/17/85	NEW CHART	(DMAHTC) 45/85
★61562	1Ed. 8/17/85 LAST NM 45/85	(And Plan)	(HNNM7669/85) 5/86
	Add	Stranded wreck	12°16'13"S 49°17'15"E
61562	1Ed. 8/17/85 LAST NM 5/86	(And Plan)	(22(36)86 Brest) 42/86
	Delete	Buoys (mooring)	12°16'22"S 49°16'25"E 12°16'14"S 49°17'08"E
	Change	Legend "PA" to "(ED)"	12°15'37"S 49°16'33"E
	Add	Legend (Mast) to stranded wrecks	12°16'05.0"S 49°16'56.0"E 12°16'14.0"S 49°16'37.0"E 12°16'27.0"S 49°16'32.0"E
		Stranded wreck	12°15'17.9"S 49°17'22.6"E
		Buoys (mooring)	12°16'14.0"S 49°16'53.8"E 12°16'15.8"S 49°16'26.6"E
★61581	4Ed. 12/27/86	NEW EDITION	(DMAHTC) 11/87
61581	4Ed. 12/27/86 LAST NM 11/87		(2(36)87 Brest) 16/87
	Delete	Depth 21 meters	20°51'13"S 55°27'22"E
	Add	Depths 6.3 meters	20°51'15"S 55°27'22"E
		1.7 meters	20°52'24"S 55°34'26"E
61581	4Ed. 12/27/86 LAST NM 16/87		(5(56)87 Brest) 22/87
	Change	Lights to Dir Oc 4s 30m 14M	20°55.4'S 55°19.8'E
		Dir Oc 4s 38m 14M	20°55.5'S 55°19.8'E
61581	4Ed. 12/27/86 LAST NM 22/87		(45(31)88 Brest) 16/89
	Add	Buoys R, conical	20°48.6'S 55°26.3'E 20°48.6'S 55°38.1'E 21°11.0'S 55°53.5'E 21°26.0'S 55°40.5'E
★61582	3Ed. 5/18/85	NEW EDITION	(DMAHTC) 30/85
	Change	Light to 5 FR, 5 OcR 3s, Fl (By day) Note: R Mast (conspic) (440) remains	20°57.7'S 55°17.7'E
61582	3Ed. 5/18/85 LAST NM 30/85		(Fr LL) 33/85
	Change	Sectors of light (Oc(2)) to white 135°-144°, red-135°	21°02.53'S 55°13.71'E
61582	3Ed. 5/18/85 LAST NM 33/85		(20(45)86 Brest) 34/86
	Add	Chartlet, depicting changes in hydrography, topography and aids to navigation, from back of Section I	20°55.0'S 55°19.5'E
61582	3Ed. 5/18/85 LAST NM 34/86		(Fr LL) 45/86
	Change	Characteristic of light to Fl G 4s (See 34/86-61582)	20°54.9'S 55°19.5'E
61582	3Ed. 5/18/85 LAST NM 45/86		(38(37)86 Brest) 46/86
	Delete	Buoy "Houlographe" (See 34/86-61582)	20°54.6'S 55°20.0'E
	Add	Buoy (wavemeter), Y, conical, Fl Y (PA)	20°56.0'S 55°17.0'E
61582	3Ed. 5/18/85 LAST NM 46/86		(2(36)87 Brest) 16/87
	Delete	Depth 21 meters	20°51'13"S 55°27'18"E
	Add	(And Plan A) Depth 6.3 meters	20°51'16"S 55°27'22"E

61582	3Ed. 5/18/85 LAST NM 16/87		(5(56)87 Brest) 22/87
	Change	Lights to Dir Oc(2) WRG 6s 28m 9M	20°55.2′S 55°19.1′E
		Dir Oc 4s 30m 14M	20°55.4′S 55°19.8′E
		Dir Oc 4s 38m 14M	20°55.5′S 55°19.9′E
		(See 34/86-61582)	
61582	3Ed. 5/18/85 LAST NM 22/87		(38(2885)87 Taunton) 47/87
		(Plan B)	
	Add	Legend "Less water reported (1987)"	20°55.48′S 55°17.36′E
61582	3Ed. 5/18/85 LAST NM 47/87		(53(26)87 Brest) 20/88
		(Plan B)	
	Add	Legend "Shallow water"	20°55.325′S 55°17.645′E
61582	3Ed. 5/18/85 LAST NM 20/88		(15(48)88 Brest) 32/88
		(Plan B)	
	Change	Buoys to R, can, can topmark	20°55.42′S 55°17.31′E
			20°55.43′S 55°17.37′E
		Buoys to G, cone, cone topmark	20°55.45′S 55°17.29′E
			20°55.46′S 55°17.37′E
★61591	2Ed. 3/17/79	NEW EDITION	(DMAHTC) 23/79
		(Previously Distribution Limited)	
61591	2Ed. 3/17/79 LAST NM 23/79		(20(1076)81 Taunton) 27/81
	Change	Light to Gp Fl(4) 30sec 364ft 29M	19°52′50″S 57°39′00″E
61591	2Ed. 3/17/79 LAST NM 27/81		(BA CH 3048) 29/83
	Add	Depth 13 fathoms	20°24′10″S 57°45′58″E
61591	2Ed. 3/17/79 LAST NM 29/83		(5(291)84 Taunton) 12/84
	Add	Danger circle "Shoal Rep (1984)"	20°30.95′S 57°22.08′E
61591	2Ed. 3/17/79 LAST NM 12/84		(BA CH 711) 35/87
	Add	Depth 52 fathoms	19°49′50″S 57°37′50″E
61591	2Ed. 3/17/79 LAST NM 35/87		(46(3437)88 Taunton) 4/89
	Add	R Bn (AERO)	20°16′48″S 57°22′58″E
61591	2Ed. 3/17/79 LAST NM 4/89		(BA LL) 11/89
	Change	Lights to Fl R 2s 10M	20°09′22″S 57°29′52″E
		Iso R 3s 10M	20°10′03″S 57°30′56″E
		Fl(4) 15s 364ft 28M	19°52′50″S 57°38′58″E
★61592	4Ed. 6/29/85	NEW EDITION	(DMAHTC) 38/85
	Delete	Note (Changes In Buoyage)	20°12.5′S 57°21.0′E
61592	4Ed. 6/29/85 LAST NM 38/85		(BA LL) 11/89
		(Plans A & B)	
	Change	Characteristic of light to Fl R 2s	20°09.30′S 57°29.53′E
		Light to Iso R 3s 99m 10M	20°10.02′S 57°30.54′E
61593	Ed. 8/9/00 LAST NM 31/73		(BA CH 3048) N29/83
		Distance and bearing from Fouquet Island Old Lighthouse	20°23′35″S 57°46′30″E
	Add	Depth 13 fathoms, 0.79 mile 224°	
★61601	2Ed. 9/28/85	NEW EDITION	(DMAHTC) 50/85
★61610	5Ed. 9/8/84	NEW EDITION	(DMAHTC) 43/84
★61610	5Ed. 9/8/84 LAST NM 43/84		(NVS7458/85) 22/85
	Add	Depths 91 meters "Rep (1983)" (PA)	7°14.2′S 72°21.7′E
		234 meters "Rep (1983)" (PA)	7°51.6′S 71°24.8′E
		354 meters "Rep (1983)" (PA)	7°53.0′S 71°29.3′E
61610	5Ed. 9/8/84 LAST NM 22/85		(MCNM7828/86) 43/86
	Delete	R Bn (AERO)	7°17.5′S 72°23.2′E
61610	5Ed. 9/8/84 LAST NM 43/86		(15(1173)87 Taunton) 24/87
	Add	Depth 178 meters "Rep (1986)"	7°08.4′S 72°18.9′E

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★61611	9Ed. 5/24/86	NEW EDITION	(DMAHTC) 31/86
★61611	9Ed. 5/24/86 LAST	NM 31/86	(MCNM7[illegible]5/86) 40/86
	Add	Position circle "Control Tower"	7°17'26.5"S 72°23'38.5"E
			7°18'30.0"S 72°24'45.0"E
★61611	9Ed. 5/24/86 LAST	NM 40/86	(MCNM7828/86) 43/86
	Delete	Buoys "3"	7°15'04"S 72°23'47"E
		"4"	7°14'59"S 72°23'52"E
		"5"	7°15'28"S 72°24'12"E
		"6"	7°15'23"S 72°24'17"E
		"8"	7°15'48"S 72°24'42"E
		"10"	7°16'15"S 72°25'11"E
		Position circle and legends	
		"R Mast FR Lt"	7°16'45"S 72°22'23"E
		"Control Tower"	7°18'13"S 72°24'01"E
		"Vor Ant"	7°19'00"S 72°24'42"E
		R Bn (AERO)	7°17'33"S 72°23'04"E
	Add	Buoys "4", red, Fl R 4s	7°15'10"S 72°24'04"E
		"6", red, Fl R 2½s	7°15'43"S 72°24'37"E
		"8", red, Fl R 5s	7°16'12"S 72°25'11"E
		"3", black, Fl 4s	7°15'16"S 72°23'58"E
		"5", black, Fl 2½s	7°15'48"S 72°24'34"E
		Legend "Fl R Lt" to tank	7°18'11"S 72°24'17"E
		Lights Fl G 5s	7°17'26"S 72°23'26"E
		Fl G 5s	7°17'20"S 72°23'28"E
		Fl R 2½s	7°17'24"S 72°23'29"E
★61611	9Ed. 5/24/86 LAST	NM 43/86	(MCNM7828/86) 48/86
	Delete	Anchoring berths "B-5A"	7°16.8'S 72°25.7'E
		"C-3A"	7°16.4'S 72°26.0'E
		"C-4A"	7°17.0'S 72°26.5'E
		"C-6A"	7°16.4'S 72°26.9'E
	Add	Anchoring berths, each radius 450 yards,	
		"B-5A"	7°17'12"S 72°25'24"E
		"C-3A"	7°16'27"S 72°25'45"E
		"C-4A"	7°16'21"S 72°26'24"E
		"C-6A"	7°16'36"S 72°27'00"E
★61611	9Ed. 5/24/86 LAST	NM 48/86	(MCNM8001/87) 46/87
	Add	Lights, each Fl G 2.5s (PA)	
		"1"	7°17'14"S 72°23'17"E
		"3"	7°17'22"S 72°23'23"E
★61611	9Ed. 5/24/86 LAST	NM 46/87	(MCNM8135/88) 36/88
	Change	Color of buoys, each to green	
		"1"	7°14.5'S 72°23.2'E
		"3"	7°15.3'S 72°24.0'E
		"5"	7°15.8'S 72°24.6'E
★61611	9Ed. 5/24/86 LAST	NM 36/88	(MCNM8167/88) 46/88
	Change	Characteristic of buoys "1" to Fl G 6s	7°14.5'S 72°23.2'E
		"3" to Fl G 4s	7°15.3'S 72°24.0'E
		"5" to Fl G 5s	7°15.8'S 72°24.6'E
		(See 36/88-61611)	
★61611	9Ed. 5/24/86 LAST	NM 46/88	(MCNM8172/88) 47/88
	Substitute	Depths 6.5 meters for 7.5 meters	7°17'35"S 72°23'31"E
		6.5 meters for 7.3 meters	7°17'29"S 72°23'27"E
		7.5 meters for 8.7 meters	7°17'33"S 72°23'31"E
		7.0 meters for 8.4 meters	7°17'26"S 72°23'29"E
	Add	Depths 6.5 meters	7°17'34"S 72°23'28"E
		6.5 meters	7°17'28"S 72°23'32"E
		19.9 meters	7°16'54"S 72°26'14"E
		19.4 meters	7°17'51"S 72°26'34"E
		11.8 meters	7°14'29"S 72°23'20"E

★61611	9Ed. 5/24/86 LAST NM 47/88		(MCNM1044/89) 16/89
	Delete	Buoys	7°17′48″S 72°26′33″E
			7°17′48″S 72°26′40″E
			7°18′27″S 72°26′19″E
			7°18′30″S 72°26′24″E
			7°18′34″S 72°26′12″E
			7°18′38″S 72°26′17″E
	Relocate	Buoy "2" close N to	7°14′24″S 72°23′18″E
★61612	3Ed. 7/5/86	NEW EDITION	(DMAHTC; NVS6834/82; NVS7064/83) 37/86
	Relocate	Position circle "R Masts (PA)" close N to	7°25′24″S 72°26′41″E
	Add	Depths 199 meters	7°26′15″S 72°30′03″E
		201 meters	7°27′00″S 72°30′03″E
61612	3Ed. 7/5/86 LAST NM 37/86		(MCNM7828/86) 43/86
	Delete	R Bn (AERO)	7°17′33″S 72°23′03″E
		Position circle "R MAST R Lts"	7°16′48″S 72°22′24″E
61612	3Ed. 7/5/86 LAST NM 43/86		(15(1173)87 Taunton) 24/87
	Add	Depth 178 meters "Rep (1986)"	7°08′21″S 72°18′53″E
61612	3Ed. 7/5/86 LAST NM 24/87		(MCNM8172/88) 47/88
	Delete	Depth 73 meters	7°22.8′S 72°30.0′E
	Add	Depths 11.8 meters	7°14′29″S 72°23′20″E
		19.4 meters	7°17′51″S 72°26′34″E
		19.9 meters	7°16′54″S 72°26′14″E
		17.6 meters	7°16′00″S 72°24′32″E
		8.7 meters	7°22′50″S 72°29′50″E
		15.8 meters	7°22′47″S 72°30′02″E
★61650	3Ed. 7/24/82	NEW EDITION	(DMAHTC) 36/82
61650	3Ed. 7/24/82 LAST NM 36/82		(45(40)82 Brest) 29/83
	Change	Lights to 2 IQ Fl R	49°21.0′S 70°04.8′E
			49°22.0′S 70°04.9′E
61650	3Ed. 7/24/82 LAST NM 29/83		(52(48)83 Brest) 15/84
	Substitute	Dangerous submerged rock for submerged rock	49°40.6′S 69°15.2′E
	Add	Depth 20 meters (PA)	48°51.2′S 69°45.0′E
61650	3Ed. 7/24/82 LAST NM 15/84		(23(1538)85 Taunton) 33/85
	Add	Depths 60 meters	49°46.0′S 68°38.0′E
		74 meters	49°45.6′S 68°11.1′E
61650	3Ed. 7/24/82 LAST NM 33/85		(31(37)86 Brest) 40/86
	Delete	Depth 13 meters	48°37.9′S 68°35.0′E
61650	3Ed. 7/24/82 LAST NM 40/86		(24(46)86 Brest) 50/86
	Add	Depths 48 meters	48°10.2′S 69°49.0′E
		43 meters	48°13.0′S 69°53.5′E
		45 meters	48°41.6′S 69°59.2′E
		33 meters	48°13.0′S 69°59.0′E
		47 meters	48°49.0′S 69°57.0′E
		27 meters	48°18.0′S 70°20.5′E
		35 meters	48°55.1′S 68°40.2′E
		103 meters	48°23.0′S 68°05.0′E

SUBREGION

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19Ed. 8/24/85		NEW EDITION	
Add		Light flare symbol to light dot	(DMAHTC) 48/85
		Visibility (range) to lights 23/22M	15°49.5′N 52°11.5′E
		10M	12°46.0′N 44°59.1′E
			11°43.6′N 43°12.3′E
19Ed. 8/24/85 LAST NM 48/85			
Change		Visibility (range) of light to 26/22M	(BA LL) 5/86
			12°46.0′N 44°59.1′E
19Ed. 8/24/85 LAST NM 5/86			
Delete		Depth 150 meters	(9(670)86 Taunton) 19/86
			12°04.4′N 51°58.6′E
Add		Depths 220 meters	12°06.4′N 50°52.7′E
		176 meters	12°06.8′N 50°57.0′E
		143 meters	12°03.6′N 50°57.3′E
		183 meters	12°27.5′N 50°57.5′E
		331 meters	12°22.6′N 51°19.0′E
		340 meters	12°10.3′N 51°46.0′E
		37 meters	12°11.6′N 52°04.3′E
		Danger circle "Shoal (rep 1969)"	12°07.6′N 52°31.9′E
19Ed. 8/24/85 LAST NM 19/86			
Add		Depth 444 meters (PA)	(MCNM7776/86) 27/86
			11°54.8′N 44°41.9′E
19Ed. 8/24/85 LAST NM 27/86			
Delete		Depth 150 meters	(9(670)86 Taunton) 28/86
		(See 19/186-62000)	12°04.4′N 50°58.7′E
19Ed. 8/24/85 LAST NM 28/86			
Add		Depth 521 meters	(33(2383)86 Taunton) 40/86
			11°13.5′N 52°39.0′E
19Ed. 8/24/85 LAST NM 40/86			
Change		Light to Fl(2) 4M	(MCNM7915/87) 11/87
			10°26.8′N 51°24.5′E
19Ed. 8/24/85 LAST NM 11/87			
Add		Depths 475 meters	(3(204)87 Taunton) 15/87
		529 meters	11°57.1′N 44°15.7′E
			11°55.4′N 44°29.4′E
19Ed. 8/24/85 LAST NM 15/87			
Add		Stranded wreck	(13(1010)87 Taunton) 22/87
			11°51.0′N 51°11.9′E
19Ed. 8/24/85 LAST NM 22/87			
Add		Depth 540 meters	(MCNM1047/89) 22/89
			11°54.0′N 45°03.0′E
3Ed. 2/25/84		NEW EDITION	
Relocate		R Bn (AERO) close SSE to	(DMAHTC; NVS7256/84) 22/84
		(Previously published 12/84)	19°34′N 37°13′E
Add		Depth 57 meters "Rep (1984)"	
		(Previously published 19/84)	12°22.1′N 43°57.5′E
Change		Orientation of traffic directional	
		arrows to 316°	28°04.0′N 33°28.7′E
		133°	28°00.8′N 33°29.4′E
Add		Legend "See Plan"	27°36.0′N 34°06.0′E
		Light flare symbol to buoy	29°39.5′N 32°32.0′E
		(Plan)	
Add		Depth 21.5 meters "Rep (1984)"	27°45′50″N 33°51′09″E
3Ed. 2/25/84 LAST NM 22/84			
		(Plan)	(DMAHTC) 27/84
Add		Light flare symbol to buoy	29°39.5′N 32°32.0′E
3Ed. 2/25/84 LAST NM 27/84			
Substitute		Depth 55 meters "Rep (1984)" for	(18(1828)84 Hamburg) 29/84
		110 meters	15°49.0′N 41°47.8′E
3Ed. 2/25/84 LAST NM 29/84			
		(And Plan)	(23(1487)84 Taunton) 33/84
Delete		Stranded wreck	27°46.3′N 33°52.5′E
3Ed. 2/25/84 LAST NM 33/84			
Add		Dangerous submerged rock	(34(2188), 36(2361), 38(2459)84 Taunton) 44/84
		"Reef Rep (1984)"	23°33.5′N 36°20.0′E

next page)

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62001 (Continued) 44/84

(Plan)

Add — Platform with light Fl R 3M — 28°38.6′N 33°05.7′E
Racon to platform — 27°50.0′N 33°43.8′E

62001 3Ed. 2/25/84 LAST NM 44/84 — (44(2876)84 Taunton) 50/84

Add — Depths 417 meters — 16°48.9′N 40°54.5′E
540 meters — 16°45.8′N 40°56.7′E

62001 3Ed. 2/25/84 LAST NM 50/84 — (NVS7354/84) 1/85

(Plan)

Delete — Depth 21.5 meters "Rep (1984)" — 27°45′50″N 33°51′09″E
(See 22/84-62001)

Add — Depths 21 meters — 27°45′50″N 33°51′10″E
26 meters — 27°47′10″N 33°50′25″E

62001 3Ed. 2/25/84 LAST NM 1/85 — (NW118/84 Alexandria) 2/85

(Plan)

Delete — Prohibited area centered — 29°52.5′N 32°31.5′E

62001 3Ed. 2/25/84 LAST NM 2/85 — (1(49)85 Taunton; NVS7354/85) 8/85

(And Plan)

Delete — Depth 20 meters "Rep (1983)" — 27°45.2′N 33°51.1′E

Add — Depth 20.1 meters — 27°45.1′N 33°51.2′E

(Plan)

Add — "ANCHORING AND FISHING PROHIBITED" area bound by shore and purple composite line joining — 28°56.0′N 33°11.0′E
28°56.0′N 33°07.4′E
28°59.1′N 33°07.4′E
28°59.1′N 33°10.7′E

62001 3Ed. 2/25/84 LAST NM 8/85 — (4(254)85 Taunton) 11/85

(Plan)

Change — Caution No. 2 to
"2. OILFIELDS: There are numerous platforms, wellheads and flares in the central and southern portions of the Gulf of Suez. Vessels should exercise special caution, particularly at night, when navigating in these areas. Entry into some areas is prohibited. There are intense gas flares on Tor Bank and near Ras Shukheir (28°10′N., 33°20′E. approx.). Production platforms are usually marked by navigation lights.

Uncharted drilling rigs may be temporarily located both inside and outside the Traffic Separation Scheme within the area of this chart and service vessels may cross the main shipping route." — 29°45.0′N 33°10.0′E

Add — Legends "Caution No. 2" — 28°49.4′N 33°05.7′E
28°31.5′N 33°00.2′E
28°23.4′N 33°07.3′E

62001 3Ed. 2/25/84 LAST NM 11/85 — (NW 103/84 Alexandria; NVS7410/85) 12/85

(Plan)

Change — Light to 2 Fl 14M — 27°40.7′N 33°48.5′E

Add — Wreck — 28°32.7′N 33°02.5′E

62001 3Ed. 2/25/84 LAST NM 12/85 — (7(488)85 Taunton) 13/85

(And Plan)

Delete — Dangerous wreck — 29°53.2′N 32°30.3′E

62001 3Ed. 2/25/84 LAST NM 13/85 — (12(1379)85 Hamburg) 22/85

(Plan)

Delete — Platform — 27°59.0′N 33°37.0′E

62001 3Ed. 2/25/84 LAST NM 22/85 — (BA RA) 23/85

(And Plan)

Delete — R Bn (AERO) — 29°35.8′N 32°41.6′E

62001	3Ed. 2/25/84 LAST	NM 23/85		(NVS7354/84) 25/85
		(Plan)		
	Add	Depths 98 meters		27°44.0′N 33°57.2′E
		30 meters		27°46.8′N 33°49.1′E
		33 meters		27°49.5′N 33°47.3′E
		38 meters		28°19.8′N 33°14.9′E
62001	3Ed. 2/25/84 LAST	NM 25/85		(16(1062)85 Taunton) 26/85
	Add	Depth 14.6 meters "Rep (1984)" (PA)		25°32.9′N 35°31.7′E
62001	3Ed. 2/25/84 LAST	NM 26/85		(NW 48/85 Alexandria; BA CH 2374) 29/85
		(Plan)		
	Add	Platforms		27°52′20″N 33°41′12″E
		"(under construction)"		27°52′31″N 33°41′03″E
		Buoy (mooring) "SBM"		27°50′56″N 33°36′08″E
		Submarine pipelines between		27°52′31″N 33°41′03″E
				27°50′46″N 33°35′06″E
		between		27°50′46″N 33°35′06″E
				27°50′56″N 33°36′08″E
62001	3Ed. 2/25/84 LAST	NM 29/85		(NVS7354/84) 32/85
		(Plan)		
	Add	Depth 33 meters		27°48′24″N 33°47′54″E
62001	3Ed. 2/25/84 LAST	NM 32/85		(HNNM7610/85) 50/85
		(Plan)		
	Substitute	Depth 32 meters for 33 meters		27°51.8′N 34°41.2′E
62001	3Ed. 2/25/84 LAST	NM 50/85		(HNNM7610/85) 4/86
		(Plan)		
	Substitute	Depth 32 meters for 33 meters		27°51.8′N 33°41.2′E
		(Cancels 50/85-62001)		
62001	3Ed. 2/25/84 LAST	NM 4/86		(HNNM7625/85; NW150/85 Alexandria) 11/86
		(And Plan)		
	Add	Depth 32 meters		29°35.3′N 32°24.3′E
		(Plan)		
	Delete	Legend		
		"(under construction)" from platform		27°52′31″N 33°41′03″E
		(See 29/85-62001)		
	Add	Depths 19.6 meters		29°40.2′N 32°35.3′E
		18.5 meters		29°42.5′N 32°39.3′E
		9 meters		29°48.1′N 32°35.7′E
		19.9 meters		29°51.2′N 32°33.0′E
		23 meters		29°38.5′N 32°36.5′E
62001	3Ed. 2/25/84 LAST	NM 11/86		(BA CH 2374; 5(33)86 Brest) 15/86
		(Plan)		
	Add	Depth 29 meters "Rep (1979)"		28°16.0′N 33°16.1′E
		88 meters (PA)		27°35.3′N 34°00.9′E
62001	3Ed. 2/25/84 LAST	NM 15/86		(4(281)86 Taunton) 16/86
	Substitute	Depth 34 meters "Rep (1985)"		
		457 meters		16°27.0′N 40°44.5′E
62001	3Ed. 2/25/84 LAST	NM 16/86		(MCNM7748/86) 18/86
		(Plan)		
	Substitute	Depth 13 meters "Rep (1986)" for		
		18.3 meters		27°51.4′N 33°36.0′E
62001	3Ed. 2/25/84 LAST	NM 18/86		(6(445)86 Taunton) 19/86
	Add	Depth 44 meters "Rep (1985)"		14°42.1′N 42°02.3′E
62001	3Ed. 2/25/84 LAST	NM 19/86		(6/86 Alexandria) 29/86
	Add	Wreck		26°14.7′N 34°27.5′E
62001	3Ed. 2/25/84 LAST	NM 29/86		(25(1797)86 Taunton) 35/86
	Add	R Bn		19°36.5′N 37°13.5′E
		(Plan)		
	Change	Light to Fl 15M Racon		28°01.8′N 33°24.6′E

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62001	3Ed. 2/25/84 LAST	NM 35/86		(13/86 Alexandria) 36/86
		(Plan)		
	Delete	Buoys		29°38.5'N 32°36.4'E
				29°39.5'N 32°32.0'E
62001	3Ed. 2/25/84 LAST	NM 36/86		(BA CH 2374) 38/86
		(Plan)		
	Delete	Platform		28°05.6'N 33°28.4'E
62001	3Ed. 2/25/84 LAST	NM 38/86		(34(2453)86 Taunton) 41/86
	Add	Stranded wreck		18°45.5'N 38°31.5'E
62001	3Ed. 2/25/84 LAST	NM 41/86		(16/86 Alexandria; (3477)86 Taunton) 4/87
		(Plan)		
	Add	Light symbol to buoy (mooring) "SBM"		27°50'56"N 33°36'08"E
62001	3Ed. 2/25/84 LAST	NM 4/87		(NW147/86 Alexandria) 6/87
		(Plan)		
	Add	Platform Fl(9) 15s 15M Racon		28°36.9'N 33°06.9'E
62001	3Ed. 2/25/84 LAST	NM 6/87		(SPA A170/86) 7/87
	Add	Light symbol and Racon		23°28'N 38°25'E
62001	3Ed. 2/25/84 LAST	NM 7/87		(MCNM7875/87) 10/87
	Delete	Depths 62 meters		15°48.0'N 41°30.0'E
		31 meters		14°44.2'N 41°40.6'E
	Add	Depths 43 meters		12°58.4'N 43°14.0'E
		30 meters		13°18.2'N 43°06.3'E
		45 meters		13°39.8'N 42°57.1'E
		51 meters		14°44.2'N 41°40.6'E
		290 meters		14°49.7'N 42°04.2'E
		326 meters		15°25.6'N 41°57.0'E
		509 meters		15°25.6'N 41°50.7'E
		399 meters		15°49.5'N 41°30.2'E
		424 meters		16°27.9'N 41°17.9'E
		545 meters		16°57.5'N 40°54.1'E
		(And Plan)		
	Add	Racon at lights		27°40.8'N 33°48.6'E
				29°22.7'N 32°33.8'E
62001	3Ed. 2/25/84 LAST	NM 10/87		(DIFRAP 5209/86; 4(3[illegible])87 Taunton) 13/87
	Add	Depth 10 meters "Rep (1986)"		14°14.3'N 42°27.4'E
62001	3Ed. 2/25/84 LAST	NM 13/87		(32(2414)87 Taunton) 43/87
		(Plan)		
	Add	Racon at light		27°27.0'N 34°02.3'E
62001	3Ed. 2/25/84 LAST	NM 43/87		(35(2654)87 Taunton) 45/87
		(Plan)		
	Change	Visibility (range) of light to 22M		27°27.0'N 34°02.1'E
	Add	Lights Fl(3) 15M Racon		27°27.1'N 33°54.5'E
		Fl 22M Racon		27°47.4'N 34°05.4'E
62001	3Ed. 2/25/84 LAST	NM 45/87		(35(2654)87 Taunton) 47/87
	Delete	Light		27°27.1'N 33°54.5'E
		(See 45/87-62001)		
	Add	Light Fl(3) 15M Racon		27°21.1'N 33°54.5'E
P 62001	3Ed. 2/25/84 LAST (Prelim'y)	NM 45/87		(MCNM7975/87) 47/87
		(Plan)		
		At 0000 GMT on 1 January 1988		
	Delete	Traffic separation scheme between		28°08.3'N 33°22.0'E
				27°30.5'N 34°05.9'E
		Legends "SEE NOTE"		27°48.3'N 33°46.2'E
				27°31.0'N 34°06.0'E
		Note "The Traffic...discontinued."		29°44.5'N 33°48.0'E
		Heavy purple solid line between		27°48.2'N 33°43.5'E
				27°50.0'N 33°45.5'E

(continued on next page)

P 62001	(Continued)		47/87
	Add	Purple tint (traffic separation zone) bound by limit joining	28°07.9'N 33°21.5'E
			27°54.5'N 33°38.0'E
			27°49.8'N 33°43.2'E
			27°42.7'N 33°50.8'E
			27°30.2'N 34°05.5'E
			27°31.0'N 34°06.4'E
			27°43.6'N 33°50.8'E
			27°50.4'N 33°43.9'E
			27°55.0'N 33°38.1'E
			28°08.5'N 33°22.5'E
		Purple dashed lines (outside limit of traffic lane) joining	28°07.3'N 33°20.3'E
			27°53.3'N 33°37.6'E
			27°49.3'N 33°42.6'E
			27°41.9'N 33°49.8'E
			27°29.0'N 34°04.3'E
		joining	27°33.1'N 34°08.6'E
			27°44.4'N 33°51.5'E
			27°51.1'N 33°44.5'E
			27°56.0'N 33°38.4'E
			28°09.2'N 33°23.6'E
		Open-outlined arrows indicating flow of traffic oriented 310°	27°33.1'N 34°04.4'E
		316°	28°04.0'N 33°28.6'E
		133°	28°00.8'N 33°29.4'E
		130°	27°34.0'N 33°59.0'E
62001	3Ed. 2/25/84 LAST NM 47/87 (Plan)		(MCNM7975/87) 52/87
	Delete	Traffic separation scheme between	28°08.3'N 33°22.0'E
			27°30.5'N 34°05.9'E
		Legends "SEE NOTE"	27°48.3'N 33°46.2'E
			27°31.0'N 34°06.0'E
		Note "The Traffic...discontinued."	29°44.5'N 33°48.0'E
		Heavy purple solid line between	27°48.2'N 33°43.5'E
			27°50.0'N 33°45.5'E
	Add	Purple tint (traffic separation zone) bound by limit joining	28°07.9'N 33°21.5'E
			27°54.5'N 33°38.0'E
			27°49.8'N 33°43.2'E
			27°42.7'N 33°50.8'E
			27°30.2'N 34°05.5'E
			27°31.0'N 34°06.4'E
			27°43.6'N 33°50.8'E
			27°50.4'N 33°43.9'E
			27°55.0'N 33°38.1'E
			28°08.5'N 33°22.5'E
		Purple dashed lines (outside limit of traffic lane) joining	28°07.3'N 33°20.3'E
			27°53.3'N 33°37.6'E
			27°49.3'N 33°42.6'E
			27°41.9'N 33°49.8'E
			27°29.0'N 34°04.3'E
		joining	27°33.1'N 34°08.6'E
			27°44.4'N 33°51.5'E
			27°51.1'N 33°44.5'E
			27°56.0'N 33°38.4'E
			28°09.2'N 33°23.6'E
		Open-outlined arrows indicating flow of traffic oriented 310°	27°33.1'N 34°04.4'E
		316°	28°04.0'N 33°28.6'E
		133°	28°00.8'N 33°29.4'E
		130°	27°34.0'N 33°59.0'E
		Note: The above amended traffic separation scheme has been adopted by IMO and is effective at 0000 GMT on 1 January 1988.	

(Continued on next page)

62001	(Continued)		52/87
	Add	Note "NOTE The Traffic Separation Scheme(s) on this chart are IMO approved." (Supersedes 47/87P-62001)	29°45.0'N 33°47.0'E
62001	3Ed. 2/25/84 LAST NM 52/87		(46(3480, 3481)87 Taunton) 1/88
	Delete	Depth 14.6 meters "Rep (1984)" (PA)	25°32.9'N 35°31.7'E
		Light	21°30.0'N 39°12.1'E
62001	3Ed. 2/25/84 LAST NM 1/88		(48(3644)87 Taunton) 4/88
		(Plan)	
	Add	Depth 12.6 meters "Rep (1987)"	28°55.1'N 33°09.2'E
		Position circle "Mast" (PA)	29°19.6'N 32°35.4'E
62001	3Ed. 2/25/84 LAST NM 4/88		(3(237, 238)88 Taunton) 13/88
	Add	Depths 49 meters	13°06.9'N 43°07.5'E
		55 meters	15°29.5'N 41°37.1'E
62001	3Ed. 2/25/84 LAST NM 13/88		(MCNM8073/88) 19/88
		(Plan)	
	Change	Light to Fl(3) 22M	28°08.0'N 33°16.4'E
	Add	Lights Fl(4) 15M	27°33.5'N 33°52.7'E
		Fl 15M	27°49.7'N 33°34.9'E
		Fl(2) 15M	27°57.0'N 33°30.3'E
		Fl 15M	28°14.8'N 33°09.7'E
		Fl 15M	28°31.0'N 32°57.6'E
		Fl(3) 15M	28°43.3'N 32°49.5'E
		Fl 22M	29°36.2'N 32°20.5'E
		Fl(3) 18M	29°40.5'N 32°41.3'E
		Fl 18M	29°47.9'N 32°38.4'E
		Fl(4) 18M	29°48.6'N 32°28.3'E
		Fl 18M	29°54.5'N 32°35.6'E
62001	3Ed. 2/25/84 LAST NM 19/88		(2/88 Alexandria) 20/88
		(Plan)	
	Add	Platform with light flare symbol	28°45.9'N 32°55.2'E
62001	3Ed. 2/25/84 LAST NM 20/88		(13(1034), 14(1096)88 Taunton) 25/88
	Add	Dangerous submerged rock	21°24.0'N 38°51.0'E
		Light Fl 12M Racon	27°39.7'N 35°16.5'E
62001	3Ed. 2/25/84 LAST NM 25/88		(BA RA; 6/88, NW71/88 Alexandria) 30/88
	Delete	R Bn (AERO)	29°30'N 34°55'E
(Pln–			
		PurpmO tynt (Oxtension ov traffic sepa8Ktion zone) bound by limit joining	28°55.1'N 32°52.2'E 28°49.1'N 32°54.5'E 28°48.4'N 32°55.6'E
62001	3Ed. 2/25/84 LAST NM 30/88		(8/88 Alexandria) 33/88
		(Plan)	
	Add	Dangerous wreck	28°31.8'N 33°01.3'E
62001	3Ed. 2/25/84 LAST NM 33/88		(18/87 Alexandria) 34/88
		(Plan)	
	Change	Light to Fl 15M Racon (See 47/87-62001)	27°21.1'N 33°54.5'E
62001	3Ed. 2/25/84 LAST NM 34/88		(27(2054)88 Taunton) 37/88
		(Plan)	
	Add	Dangerous wreck	29°50.3'N 32°32.3'E
62001	3Ed. 2/25/84 LAST NM 37/88		(MCNM8148/88) 41/88
	Delete	Shoal area and blue tint centered	19°41'N 37°29'E
62001	3Ed. 2/25/84 LAST NM 41/88		(BA CH 63, 2374) 44/88
	Add	Light symbol and Racon	22°44.9'N 38°37.0'E
		Racon (PA)	22°19.6'N 38°57.2'E
		(Plan)	
	Substitute	Depth 31 meters for 32 meters	27°51.8'N 33°41.2'E

62001 3Ed. 2/25/84 LAST NM 44/88

(Plan) (38(2882)88 Taunton) 48/88

At 2200 GMT on 30 November 1988

Delete Purple dashed lines between 29°26.5′N 32°34.4′E
29°30.0′N 32°29.0′E

joining 29°46.5′N 32°30.7′E
29°37.4′N 32°30.2′E
29°36.8′N 32°27.0′E

Traffic separation zones centered 29°32.1′N 32°34.1′E
29°33.4′N 23°30.0′E

Relocate Open-outlined arrows indicating flow of traffic close N to
close N 29°31.0′N 32°30.1′E
close NNW 29°28.7′N 23°33.8′E
Note: Orientation of arrows unchanged 29°36.7′N 32°33.2′E

Add Purple dashed lines joining 29°46.5′N 32°30.7′E
29°37.6′N 32°30.0′E
29°37.1′N 32°26.9′E

joining 29°26.5′N 32°34.4′E
29°27.3′N 32°34.0′E
29°30.5′N 32°29.3′E

Purple tint (traffic separation zones) bound by limit joining 29°35.6′N 32°31.6′E
29°29.5′N 32°34.7′E
29°28.8′N 32°36.1′E
29°35.6′N 32°32.6′E

joining 29°32.3′N 32°28.8′E
29°30.6′N 32°32.4′E
29°35.7′N 32°29.7′E
29°35.8′N 32°27.4′E

62001 3Ed. 2/25/84 LAST NM 48/88

Add R Bn (AERO) (40(2990)88, Taunton; NW109/88 Alexandria) 52/88
29°03′N 34°40′E

(Plan)

Add Dangerous wreck (PA) 28°38.5′N 32°59.0′E

62001 3Ed. 2/25/84 LAST NM 52/88

Add Depth 24.5 meters (42(3137)88 Taunton) 53/88
27°50′N 34°59′E

62001 3Ed. 2/25/84 LAST NM 53/88

Delete Depth 29 meters (2(167)89 Taunton) 14/89
15°10′N 40°34′E

62001 3Ed. 2/25/84 LAST NM 14/89

Add Depth 2.5 meters (Fr CH 6987) 19/89
14°32.1′N 42°52.1′E

62001 3Ed. 2/25/84 LAST NM 19/89

(Plan) (2/89 Alexandria) 22/89

Add Light flare symbol to platform 28°49.3′N 32°55.0′E
(See 30/88-62001)

Submarine pipelines joining 28°44.6′N 32°49.2′E
28°47.4′N 32°52.4′E
28°45.9′N 32°55.2′E

joining 28°45.1′N 32°49.7′E
28°45.2′N 32°52.7′E
28°45.9′N 32°55.2′E

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*62024 12Ed. 2/12/83

NEW EDITION

Change Legend "Rep (1941)" to "Rep (1949)" (DMAHTC; US CH 62330) 14/83
19°00.5′N 58°06.5′E

62024 12Ed. 2/12/83 LAST NM 14/83

Delete Depths 16 meters "Rep (1975)" (NVS7141/83) 1/84
19°11.8′N 58°12.5′E
19°16.2′N 58°12.0′E

Add Depth 16 meters "Rep (1975)" (PA) 19°16.8′N 58°12.5′E

62024 12Ed. 2/12/83 LAST NM 1/84

Delete Depth 48 meters "Rep (1981)" (52(50)76 Brest) 27/84
12°12.5′N 54°22.5′E

Add Depth 47 meters 12°13.5′N 54°19.0′E

62024	12Ed. 2/12/83 LAST NM 27/84		(49(3261)85 Taunton) 10/86
	Delete	Depth 675 meters	13°00'N 54°05'E
	Add	Depth 386 meters	13°00.0'N 54°02.9'E
★62024	12Ed. 2/12/83 LAST NM 10/86		(HNNM7711/86) 11/86
	Delete	Depth 399 meters	19°05'N 58°16'E
	Add	Depth 382 meters	19°05.5'N 58°16.3'E
62024	12Ed. 2/12/83 LAST NM 11/86		(9(670)86 Taunton) 19/86
	Add	Depths 37 meters	12°43.5'N 53°58.5'E
		68 meters	12°30.7'N 53°11.1'E
62024	12Ed. 2/12/83 LAST NM 19/86		(13/86 Oman) 20/87
	Add	Wreck	19°06.1'N 57°57.6'E
62024	12Ed. 2/12/83 LAST NM 20/87		(13(1011)87 Taunton) 22/87
	Add	Depths 56 meters	12°49.5'N 53°57.0'E
		41 meters	12°48.3'N 53°53.0'E
62024	12Ed. 2/12/83 LAST NM 22/87		(MCNM7970/87) 39/87
	Delete	Depths 58 meters "Rep (1957)"	12°00'N 54°46'E
		152 meters	12°04'N 54°48'E
		176 meters	11°55'N 54°43'E
		and enclosing depth contour (200-meter)	

★62028	13Ed. 6/18/83	NEW EDITION	(DMAHTC; Fr LL, BA CH 2851) 36/83
	Delete	Legend "Rep exting (1982)" from light	26°30'N 57°05'E
	Change	Characteristic of buoy to Fl(2)	26°00'N 57°08'E
	Add	Stranded wreck (conspic)	23°37.0'N 58°27.9'E
62028	13Ed. 6/18/83 LAST NM 36/83		(BA LL) 18/84
	Change	Visibility (range) of light to 25M	24°49.3'N 66°40.0'E
62028	13Ed. 6/18/83 LAST NM 18/84		(BA RA) 24/84
	Delete	R Bn (AERO)	24°56.0'N 66°56.0'E
62028	13Ed. 6/18/83 LAST NM 24/84		(19(1200)84 Taunton) 28/84
	Add	Light 2 Fl R	24°29.8'N 56°38.1'E
62028	13Ed. 6/18/83 LAST NM 28/84		(9(63)84 Teheran) 46/84
	Delete	Buoy	25°32'N 58°06'E
62028	13Ed. 6/18/83 LAST NM 46/84		(11(759)85 Taunton) 20/85
	Delete	Legend "(conspic)" from stranded wreck	23°37.0'N 58°27.9'E
		Stranded wreck and light	23°37.4'N 58°20.3'E
62028	13Ed. 6/18/83 LAST NM 20/85		(DMAHTC) 47/85
	Delete	R Bn (AERO)	25°04.5'N 61°47.5'E
62028	13Ed. 6/18/83 LAST NM 47/85		(9(604)85 Taunton) 50/85
	Change	Visibility (range) of light to 9M	25°17.0'N 60°37.0'E
62028	13Ed. 6/18/83 LAST NM 50/85		(50(169)86 Karachi) 13/87
	Add	Submarine cables joining	25°08.1'N 56°21.4'E
			25°08.1'N 56°43.3'E
			24°48.2'N 56°58.7'E
			24°46.1'N 57°05.8'E
		joining	24°32.0'N 65°45.8'E
			24°34.2'N 65°52.0'E
			24°34.9'N 65°55.0'E
			24°35.9'N 65°58.0'E
			24°45.0'N 66°30.0'E
			24°45.0'N 66°40.0'E
			24°47.6'N 66°50.7'E
			24°48.9'N 66°51.5'E
			24°51.7'N 66°50.9'E
62028	13Ed. 6/18/83 LAST NM 13/87		(3(207)87 Taunton) 15/87
	Add	Light Fl 10M Racon	23°49.8'N 57°32.1'E
		Solid line (jetty) between	23°49.8'N 57°32.1'E
			23°49.1'N 57°31.9'E

62028 13Ed. 6/18/83 LAST NM 15/87
Add — Depth 90 meters
210 meters
540 meters
313 meters

62028 13Ed. 6/18/83 LAST NM 30/87
Change — Lights to Fl 19M
Fl(2) 19M

62028 13Ed. 6/18/83 LAST NM 47/87
Change — Light to Fl(2) 19M
and delete legend "Rep exting (1982)"

62028 13Ed. 6/18/83 LAST NM 1/88
Delete — Legend "Rep exting (1982)"

Change — Visibility (range) of lights to 19M

Add — Depths
40 meters Wk (unsurveyed) (PA)
40 meters Wk (unsurveyed) (PA)
71 meters Wk

62028 13Ed. 6/18/83 LAST NM 7/88
Change — Lines 6-9 of cautions note to
"2. Reserved."

Add — Purple heavy solid line between

62028 13Ed. 6/18/83 LAST NM 11/88
Delete — R Bn

62028 13Ed. 6/18/83 LAST NM 32/88
Delete — Racon at light

62028 13Ed. 6/18/83 LAST NM 39/88
Add — Depth 18.7 meters Wk

62028 13Ed. 6/18/83 LAST NM 5/89
Add — Racon at light

*62032 12Ed. 3/8/86
Add — NEW EDITION
"OIL FIELD CAUTION NO 2"
area bound by dashed line joining

(Previously published 12/86)

Add — Stranded wreck
(Previously published 17/86)

Change — Characteristic of lightship "Doha" to
Mo(D) 12s
(Previously published 18/86)

62032 12Ed. 3/8/86 LAST NM 22/86
Delete — Buoy

Change — Light (Q, Fl 10s) to Mo(U) 15s

62032 12Ed. 3/8/86 LAST NM 23/86
Change — Visibility (range) of lightship "Doha"
to 8M

62032 12Ed. 3/8/86 LAST NM 27/86
Add — Submarine pipeline between

62032 12Ed. 3/8/86 LAST NM 50/86
Add — Depth 12 meters Wk marked close
N by buoy, BRB, pillar,
double ball topmark, Fl(2) 3s

(BA CH 2851, 2888) 30/87
26°01.1'N 56°53.0'E
25°19.9'N 57°34.5'E
25°04.0'N 58°07.1'E
25°07.0'N 58°15.7'E

(37(167)87 Karachi) 47/87
25°02.3'N 61°48.5'E
25°06.0'N 62°20.5'E

(44(193)87 Karachi) 1/88
25°11.0'N 64°41.1'E

(49(210)87 Karachi, 1(61)88 Taunton) 7/88
25°11.1'N 63°33.2'E

25°12.5'N 63°29.5'E
25°07.0'N 63°51.0'E

26°13.0'N 56°39.2'E
26°18.1'N 56°46.2'E
26°16.5'N 56°48.7'E

(MCNM8068/88) 11/88

21°50.0'N 58°10.0'E

26°27.1'N 56°35.8'E
26°19.0'N 56°31.0'E

(26(1980)88 Taunton) 32/88
26°28.5'N 56°32.0'E

(30(2287)88 Taunton) 39/88
25°11.0'N 56°21.5'E

(16/88 Oman) 5/89
23°53.1'N 57°35.8'E

(10/89 Bahrain) 16/89
26°28.2'N 56°32.0'E

(DMAHTC) 22/86

26°41.0'N 51°15.5'E
26°54.1'N 51°22.6'E
26°35.2'N 52°11.0'E
26°22.0'N 52°05.2'E

25°20.9'N 52°26.3'E

25°16.8'N 51°41.3'E

(84/85 Bahrain; 11(837)86 Taunton) 23/86
26°26.0'N 54°30.5'E

28°36.9'N 49°25.2'E

(21/86 Bahrain) 27/86

25°16.8'N 51°41.3'E

(51/86 Bahrain) 50/86
25°20.2'N 54°30.0'E
25°15.3'N 54°55.5'E

(61/86 Bahrain) 3/87

25°05.0'N 54°46.0'E

SUBREGION
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62032	12Ed. 3/8/86 LAST NM 3/87			(49(3602)86 Taunton) 4/87
	Add	Depths 25 meters "Rep (1986)"		25°25.8'N 53°37.5'E
		25 meters "Rep (1986)"		25°25.0'N 53°46.5'E
62032	12Ed. 3/8/86 LAST NM 4/87			(MCNM7879/87) 5/87
	Add	Position circle		
		"Pipe (1.2m above surface)"		26°11.5'N 52°58.3'E
62032	12Ed. 3/8/86 LAST NM 5/87			(MCNM7875/87) 6/87
	Delete	Limits of As Saffaniyah Oil Field		28°15.0'N 48°50.5'E
		Az Zuluf Oil Field		28°24.0'N 49°15.5'E
		Marjan Oil Field		28°28.0'N 49°41.0'E
		Berri Oil Field		27°12.5'N 49°41.0'E
		Abu Sa'afah Oil Field		26°57.5'N 50°35.0'E
		Buoys (current meter)		28°22.0'N 49°20.0'E
				26°55.0'N 50°33.0'E
				26°52.0'N 50°29.0'E
		Dashed line joining		28°19.0'N 49°41.0'E
				28°21.0'N 49°41.0'E
				28°21.0'N 49°42.0'E
	Relocate	Legends		
		"AZ ZULUF OIL FIELD"		
		close NW to		28°25.0'N 49°16.0'E
		"MARJAN OIL FIELD"		
		close SE		28°24.0'N 49°38.0'E
		"ABU SA'AFAH OIL FIELD"		
		close N		27°04.0'N 50°31.0'E
	Change	Note to		
		"OIL FIELDS		
		Numerous structures usually carrying navigational aids, other unlit objects, submarine pipelines and submerged obstructions sometimes marked by buoys, exist in the oil field areas shown on this chart. These features are not all charted.		
		In addition to and in accordance with Saudi Seaports Authority Notices to Mariners the majority of such features have been omitted from the Restricted Oil Field Areas on this chart. Within these restricted areas, all surface structures are marked by lights Mo(U) 15s.		
		Particular caution should be exercised by all vessels navigating in the vicinity of oil fields."		24°49.0'N 48°49.0'E
	Add	Purple composite lines		
		(restricted areas) joining		28°22.0'N 49°05.2'E
				28°18.9'N 49°13.8'E
				28°19.7'N 49°18.7'E
				28°25.4'N 49°24.5'E
				28°30.0'N 49°24.1'E
				28°28.2'N 49°08.8'E
				28°22.0'N 49°05.2'E
		joining		27°59.9'N 48°47.5'E
				28°00.8'N 48°50.0'E
				28°11.3'N 48°53.3'E
				28°21.0'N 49°01.2'E
				28°25.1'N 49°05.7'E
				28°29.2'N 49°04.3'E
				28°23.2'N 48°49.3'E
				28°21.8'N 48°47.3'E
				28°10.0'N 48°43.6'E
				28°00.9'N 48°41.7'E
		joining		28°33.8'N 49°40.0'E
				28°21.4'N 49°31.5'E
				28°18.6'N 49°24.6'E
				28°16.0'N 49°24.6'E
				28°14.3'N 49°38.1'E
				28°26.2'N 49°44.7'E
				28°27.9'N 49°42.0'E
				28°33.8'N 49°40.0'E

(continued on next page)

62032	(Continued) Add	joining	6/87 27°20.3'N 49°34.2'E 27°20.3'N 49°46.8'E 27°16.7'N 49°47.4'E 27°12.2'N 49°48.0'E 27°06.2'N 49°42.9'E 27°06.1'N 49°42.1'E
		joining	26°53.1'N 50°33.0'E 27°02.1'N 50°35.0'E 27°02.6'N 50°32.0'E 26°54.6'N 50°26.5'E 26°53.1'N 50°33.0'E
		and delete all platforms, lighted and unlighted, and submarine pipelines within each of the above restricted areas	
		Dashed line between	28°19.0'N 49°41.0'E 28°20.5'N 49°42.0'E
		Note "RESTRICTED OILFIELD AREAS The Saudi Seaports Authority advise mariners not to enter the Restricted Oilfield areas shown on this chart."	24°00.0'N 49°19.0'E
62032	12Ed. 3/8/86 LAST NM 6/87 Add	Depth 23.5 meters (PA)	(MCNM7900/87) 9/87 25°14.6'N 53°24.2'E
62032	12Ed. 3/8/86 LAST NM 9/87 Add	Submarine cable joining	(50(169)86 Karachi) 10/87 25°08.1'N 56°21.4'E 25°08.1'N 56°43.3'E 24°48.2'N 56°58.7'E 24°46.6'N 57°04.5'E
62032	12Ed. 3/8/86 LAST NM 10/87 Delete	Platform	(5(358)87 Taunton) 12/87 26°55.5'N 50°01.0'E
62032	12Ed. 3/8/86 LAST NM 12/87 Add	Dangerous wreck (PA) Light Fl 10M Racon	(3(207), 7(523)87 Taunton) 15/87 25°42.6'N 55°33.2'E 23°49.8'N 57°32.1'E
		Solid line (jetty) between	23°49.8'N 57°32.1'E 23°48.9'N 57°31.9'E
62032	12Ed. 3/8/86 LAST NM 15/87 Add	Dangerous wreck	(18/87 Bahrain) 18/87 25°16.3'N 55°08.4'E
62032	12Ed. 3/8/86 LAST NM 18/87 Add	Depths 19.2 meters 19.9 meters 23 meters	(10(765, 766)87 Taunton) 19/87 25°11.5'N 53°57.5'E 25°13.5'N 54°06.7'E 25°52.8'N 52°20.8'E
62032	12Ed. 3/8/86 LAST NM 19/87 Delete	Lightfloat "Dorra" Buoy "Az Zuluf Approach"	(23-27/87 Bahrain) 22/87 28°51.0'N 49°19.0'E 28°10.0'N 49°45.0'E
	Add	Buoy RW, pillar, ball topmark, L Fl 10s Racon	28°15.5'N 49°19.0'E
		Buoy BY, pillar, double cone topmark points upward, Q	28°07.2'N 49°32.0'E
		Lightfloat "Oilfield Approach North" Fl 15s Racon	28°30.0'N 49°30.0'E
62032	12Ed. 3/8/86 LAST NM 22/87 Change	Lights to F 10M HORN Q(6) 10s	(15(1168)87 Taunton) 24/87 29°07.0'N 48°18.8'E 29°01.3'N 48°34.5'E
62032	12Ed. 3/8/86 LAST NM 24/87 Delete	Depth 2.5 meters	(BA CH 3737; 16(1228), 17(1312)87 Taunton) 26/87 28°47.0'N 48°44.5'E
	Change	Buoy (mooring) "SBM" to superbuoy TANKER, Q HORN	25°58.5'N 55°56.0'E
62032	12Ed. 3/8/86 LAST NM 26/87 Add	Depth 90 meters 210 meters 540 meters 313 meters	(BA CH 2851, 2888) 30/87 26°01.1'N 57°53.0'E 25°19.9'N 57°34.5'E 25°04.0'N 58°07.1'E 25°07.0'N 58°15.7'E

62032	12Ed. 3/8/86 LAST NM 30/87		
	Delete	Depth 4 meters "Rep (1983)"	(MCNM7963/87) 35/87 28°28.5'N 49°27.0'E
62032	12Ed. 3/8/86 LAST NM 35/87		
	Add	Legend "Rep Destr (1987)" to platforms	(MCNM8026/87) 50/87 25°58.0'N 52°54.5'E 25°54.0'N 52°55.0'E
62032	12Ed. 3/8/86 LAST NM 50/87		
	Add	Dangerous wreck (PA)	(47(3558)87 Taunton) 3/88 27°35.0'N 51°35.0'E
62032	12Ed. 3/8/86 LAST NM 3/88		(MCNM8051/88; 51(3864)87, 1(61, 62)88 Taunton) 7/88
	Delete	Stranded wreck	25°20.9'N 52°26.3'E
		Lightfloat	29°24.5'N 49°09.0'E
		Limits of oil field centered	26°11.0'N 55°43.0'E
	Add	Dangerous wreck (Masts)	25°20.0'N 52°26.1'E
		Depths	
		40 meters Wk (unsurveyed) (PA)	26°12.8'N 56°38.9'E
		40 meters Wk (unsurveyed) (PA)	26°18.0'N 56°46.0'E
		Dashed line (oil field limit) joining	26°10.0'N 55°40.0'E 26°13.0'N 55°42.0'E 26°10.6'N 55°47.0'E 26°07.0'N 55°44.5'E
62032	12Ed. 3/8/86 LAST NM 7/88		
	Add	Purple solid lines between	(MCNM8068/88) 11/88 26°27.0'N 56°36.0'E 26°19.0'N 56°31.2'E
		between	26°30.0'N 56°24.0'E 26°15.0'N 56°13.0'E
62032	12Ed. 3/8/86 LAST NM 11/88		
	Add	Stranded wreck	(MCNM8071/88) 12/88 25°15.6'N 54°59.4'E
62032	12Ed. 3/8/86 LAST NM 12/88		
	Substitute	Depth 2 meters Wk marked close N by buoy BRB, pillar, double ball topmark, Fl(2) 3s for stranded wreck (PA) (Supersedes 12/88-62032)	(16/88 Bahrain) 13/88 25°15.6'N 54°59.4'E
62032	12Ed. 3/8/86 LAST NM 13/88		
	Add	Depth 23 meters "Rep (1988)"	(10/88 Bahrain) 14/88 25°31.7'N 54°02.5'E
62032	12Ed. 3/8/86 LAST NM 14/88		(19/88 Bahrain) 18/88
	Change	Buoy to BY, pillar, double cone topmark points upward, Q Racon (See 13/88-62032)	25°15.6'N 54°59.4'E
62032	12Ed. 3/8/86 LAST NM 18/88		
	Add	Wreck	(24/88 Bahrain) 19/88 25°29.5'N 52°52.5'E
62032	12Ed. 3/8/86 LAST NM 19/88		(MCNM8104, 8105/88; 1/67 Tehran) 25/88
	Substitute	Depth 21 meters "Rep (1988)" for 23 meters "Rep (1988)" (Supersedes 14/88-62032)	25°31.7'N 54°02.5'E
	Change	Buoy to YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s	26°20.5'N 55°12.5'E
	Add	Legend "Rep Destr (1988)" to platform	25°32.1'N 53°09.5'E
62032	12Ed. 3/8/86 LAST NM 25/88		(26(1980)88 Taunton; 44, 48/88 Bahrain) 32/88
	Delete	R Bn at light	26°28.2'N 56°32.1'E
		Racon from buoy (See 18/88-62032)	25°15.6'N 54°59.4'E
	Add	Dangerous wreck	26°56.9'N 51°05.7'E
62032	12Ed. 3/8/86 LAST NM 32/88		(MCNM8134/88; 30(2287)88 Taunton) 39/88
	Delete	Buoy "Grayswift"	26°10.0'N 55°52.7'E
		Racon at light	25°11.0'N 56°21.0'E
62032	12Ed. 3/8/86 LAST NM 39/88		
	Add	Lightfloat, yellow, Fl(2) 9s	(6/67 Tehran) 46/88 25°58.7'N 55°00.0'E

62032	12Ed. 3/8/86 LAST NM 46/88		
	Add	R Bn (AERO)	(40(2992)88 Taunton) 52/88 24°51.8′N 53°04.8′E
62032	12Ed. 3/8/86 LAST NM 52/88		
	Delete	"OIL FIELD CAUTION NO 2" area centered	(MCNM8083, 8104, 8182/88) 2/89 26°38′N 51°44′E
	Substitute	Depth 23 meters "Rep (1988)" for 21 meters "Rep (1988)" (See 25/88-62032)	25°31.7′N 54°02.5′E
	Change	Lines 3-6 of caution note to "2. Reserved."	23°45.0′N 55°30.0′E
		Note to "OIL FIELDS Numerous structures usually carrying navigational aids, other unlit objects, submarine pipelines and submerged obstructions sometimes marked by buoys, exist in the oil field areas shown on this chart. These features are not all charted. Particular caution should be exercised by all vessels navigating in the vicinity of oil fields."	
	Add	Danger circles "Well"	24°49.0′N 48°49.0′E 26°35.8′N 52°01.6′E 26°33.2′N 52°01.7′E 26°26.2′N 52°01.8′E 26°35.2′N 51°59.1′E 26°42.2′N 51°50.2′E 26°38.6′N 51°45.2′E 26°41.4′N 51°33.0′E 26°45.8′N 51°19.2′E
62032	12Ed. 3/8/86 LAST NM 2/89		
	Add	Depth 18.7 meters Wk Buoy "Grayswift", yellow spherical, Fl Y 6s (See 39/88-62032)	(73/88 Bahrain; 16/88 Oman) 5/89 23°53.1′N 57°35.8′E 26°10.0′N 55°53.0′E
62032	12Ed. 3/8/86 LAST NM 5/89		
	Add	Racon at light	(10/89 Bahrain) 16/89 26°28.2′N 56°32.2′E
62032	12Ed. 3/8/86 LAST NM 16/89		
	Add	Dangerous wreck "Rep"	(15/89 Bahrain) 20/89 25°57.2′N 51°52.8′E
62032	12Ed. 3/8/86 LAST NM 20/89		
	Add	Depth 28 meters Foul	(12(962)89 Taunton) 24/89 25°44.2′N 55°18.7′E
★62040	4Ed. 4/7/84	NEW EDITION	
	Delete	Legend "Rep (1981)" from 48-meters depth	(DMAHTC; NVS6452/81) 26/84 12°13.4′N 54°19.5′E
62040	4Ed. 4/7/84 LAST NM 26/84		
	Substitute	Depth 47 meters for 48 meters (See 26/84-62040)	(52(50)76 Brest) 27/84 12°13.4′N 54°19.5′E
62040	4Ed. 4/7/84 LAST NM 27/84		
	Add	Depth 386 meters	(49(3261)85 Taunton) 10/86 12°59.5′N 54°02.7′E
62040	4Ed. 4/7/84 LAST NM 10/86		
	Add	Depths 37 meters 68 meters	(9(670)86 Taunton) 19/86 12°43.5′N 53°58.5′E 12°30.7′N 53°11.1′E
		Danger circle "Shoal (rep 1969)"	12°07.6′N 52°32.0′E
62040	4Ed. 4/7/84 LAST NM 19/86		
	Add	Depths 56 meters 41 meters	(13(1011)87 Taunton) 22/87 12°49′30″N 53°57′00″E 12°48′15″N 53°53′00″E
62040	4Ed. 4/7/84 LAST NM 22/87		
	Delete	Depths 58 meters (1957) 152 meters 176 meters and enclosing depth contour (200-meter)	(MCNM7970/87) 39/87 11°59.2′N 54°45.8′E 12°03.5′N 54°47.6′E 11°54.9′N 54°43.4′E

62040 4Ed. 4/7/84 LAST NM 39/87 — (30(65)88 Brest; BA CH 5) 41/88

Delete	Depths 281 meters	12°46.2′N 53°50.2′E
	750 meters	12°46.0′N 53°51.8′E
Substitute	Depths 34 meters for 399 meters	12°47.8′N 54°00.0′E
	37 meters for 75 meters	11°58.3′N 53°38.7′E
	31 meters for 41 meters	12°05.6′N 53°14.2′E
	69 meters for 106 meters	12°13.2′N 52°31.9′E
Add	Depths 28 meters	11°58.5′N 53°12.5′E
	30 meters	11°57.8′N 53°39.6′E
	11 meters	12°06.4′N 53°13.5′E
	55 meters	12°47.2′N 53°51.0′E
	20 meters "Rep (1982)"	11°54.1′N 52°35.0′E

62040 4Ed. 4/7/84 LAST NM 41/88 — (BA CH 5) 43/88

Add — Caution No. 3 to cautions note "3. Several shoals have been reported to exist in the area south-west of The Brothers (12°09′N, 53°11′E approx). Mariners are advised to navigate with caution in this area." — 12°45.2′N 54°38.0′E

Legend "CAUTION NO 3" — 11°50.7′N 52°35.2′E

★62046 1Ed. 9/22/84 — NEW CHART — (DMAHTC) 46/84

62046 1Ed. 9/22/84 LAST NM 46/84 — (9(670)86 Taunton) 19/86

Add	Depth 68 meters	12°30.7′N 53°11.1′E
	(And Plan)	
Add	Depth 37 meters	12°43.5′N 53°58.5′E

62046 1Ed. 9/22/84 LAST NM 19/86 — (13(1011)87 Taunton) 22/87

Add	Depths 56 meters	12°49′30″N 53°57′00″E
	41 meters	12°48′15″N 53°53′00″E

★62050 4Ed. 3/24/84 — NEW EDITION — (DMAHTC) 26/84

Change — Light to L Fl(3) 30s 8M — 11°28.4′N 49°52.5′E

62050 4Ed. 3/24/84 LAST NM 26/84 — (9(670)86 Taunton) 19/86

Delete	Depths 441 meters	12°06.2′N 50°49.9′E
	150 meters	12°04.4′N 50°58.6′E
Add	Depths 37 meters	12°11.6′N 52°04.3′E
	340 meters	12°10.3′N 51°46.0′E
	331 meters	12°22.6′N 51°19.0′E
	183 meters	12°27.5′N 50°57.5′E
	220 meters	12°06.4′N 50°52.7′E
	176 meters	12°06.8′N 50°57.0′E
	143 meters	12°03.6′N 50°57.3′E

62050 4Ed. 3/24/84 LAST NM 19/86 — (13(1010)87 Taunton) 22/87

Add — Stranded wreck (PA) — 11°51.1′N 51°11.8′E

62050 4Ed. 3/24/84 LAST NM 22/87 — (BA CH 2950) 12/89

Add	Depths 29 meters	11°50.5′N 51°19.2′E
	46 meters	11°59.2′N 50°45.2′E

★62070 2Ed. 4/28/84 — NEW EDITION — (DMAHTC) 26/84

★62080 3Ed. 9/1/84 — NEW EDITION — (DMAHTC) 43/84

62080 3Ed. 9/1/84 LAST NM 43/84 — (49(3598)86 Taunton) 9/87

Delete	Depth 1063 meters	12°07.0′N 44°57.2′E
Add	Depths 494 meters	12°07.5′N 45°37.7′E
	664 meters	12°06.7′N 44°57.7′E

62080 3Ed. 9/1/84 LAST NM 9/87
Add "Spoil Ground" area bound by dashed line joining

(5(355)87 Taunton) 12/87

12°42.1′N 44°57.9′E
12°42.0′N 45°00.0′E
12°40.0′N 45°00.0′E
12°40.0′N 44°57.9′E

Buoy Y, can, "X" topmark, QY in each of the above positions

62080 3Ed. 9/1/84 LAST NM 12/87
Delete Buoys

(2(143)88 Taunton) 12/88
12°42.1′N 44°57.9′E
12°42.0′N 45°00.0′E
12°40.0′N 45°00.0′E
12°40.0′N 44°57.9′E

(See 12/87-62080)

62080 3Ed. 9/1/84 LAST NM 12/88
Add Buoys Y, can, "X" topmark, QY

(1(61)89 Taunton) 11/89
12°42.1′N 44°57.9′E
12°42.0′N 45°00.0′E
12°40.0′N 45°00.0′E
12°40.0′N 44°57.9′E

(Supersedes 12/88-62080)

★62080 3Ed. 9/1/84 LAST NM 11/89
Add Depths 540 meters

(MCNM1047/89) 22/89
11°54.0′N 45°03.0′E

★62090 5Ed. 9/1/84 NEW EDITION

(DMAHTC) 44/84

62090 5Ed. 9/1/84 LAST NM 44/84
Add Depth 280 meters

(44(2877)84 Taunton) 50/84
11°34.5′N 44°03.0′E

62090 5Ed. 9/1/84 LAST NM 50/84
Change Buoy to "0", red conical, Oc(4) R 12s

(51(32)84 Brest; Fr LL) 20/85
11°41.8′N 43°08.2′E

62090 5Ed. 9/1/84 LAST NM 20/85
Add Submarine cable area limit symbol joining

(13(49)85 Brest) 26/85

11°35.9′N 43°09.1′E
11°35.8′N 43°17.1′E
11°42.1′N 43°22.0′E
11°40.8′N 43°23.3′E
11°34.4′N 43°18.1′E
11°35.5′N 43°09.1′E

Legend "Anchoring, dredging, and trawling prohibited"

11°38.0′N 43°19.8′E

★62090 5Ed. 9/1/84 LAST NM 26/85
Add Depth 444 meters (PA)

(MCNM7776/86) 27/86
11°54.8′N 44°41.9′E

62090 5Ed. 9/1/84 LAST NM 27/86
Delete Depth 1063 meters

(49(3598)86 Taunton) 9/87
12°07.0′N 44°57.3′E

Add Depths 43 meters
664 meters

12°58.4′N 43°14.0′E
12°06.7′N 44°57.7′E

62090 5Ed. 9/1/84 LAST NM 9/87
Add Depths 475 meters
529 meters
681 meters

(3(204)87 Taunton) 15/87
11°57′31″N 44°15′42″E
11°55′22″N 44°29′23″E
11°56′07″N 44°26′04″E

62090 5Ed. 9/1/84 LAST NM 15/87
Substitute Depth 69 meters for 89 meters

(BA CH 3661) 29/87
12°27.0′N 43°31.6′E

Add Depths 55 meters
132 meters
49 meters
46 meters
48 meters
49 meters
49 meters

12°37.9′N 43°22.2′E
12°35.9′N 43°20.2′E
12°30.5′N 44°21.1′E
12°33.0′N 44°26.8′E
12°32.8′N 44°31.8′E
12°34.0′N 44°34.1′E
12°32.5′N 44°41.0′E

62090 5Ed. 9/1/84 LAST NM 29/87
Add Depth 96 meters (PA)

(24(1776)87 Taunton) 40/87
12°58′00″N 43°10′33″E

62090 5Ed. 9/1/84 LAST NM 40/87
Add Buoy (mooring)

(53(27)87 Brest) 20/88
11°40.8′N 43°10.0′E

62090	5Ed. 9/1/84 LAST NM 20/88		(1(61)89 Taunton) 19/89
	Add	Buoys Y, can, "X" topmark, QY	12°42.1'N 44°57.9'E 12°42.0'N 45°00.0'E 12°40.0'N 45°00.0'E 12°40.0'N 44°57.9'E
★**62091**	3Ed. 6/19/82	NEW EDITION (Previous edition canceled 17/74)	(DMAHTC) 33/82
★**62091**	3Ed. 6/19/82 LAST NM 33/82		(NVS7154/83) 3/84
		(Plan)	
	Add	Legend "Work in progress (1983)"	10°26'12"N 44°59'47"E
62091	3Ed. 6/19/82 LAST NM 3/84		(BA CH 3530) 33/87
		(Plan)	
	Delete	Pilot station symbols	10°26.2'N 44°58.5'E 10°26.4'N 44°59.4'E
		Depths 9 meters	10°26.3'N 44°59.8'E
		10 meters	10°26.3'N 44°59.9'E
		7 meters	10°26.3'N 45°00.1'E
		10 meters	10°26.4'N 45°00.0'E
		Dangerous wreck (ED)	10°26.6'N 45°00.2'E
	Change	Legend "9.8m (1979)" to "Least depth rep 8.5m"	10°26.3'N 44°59.9'E
	Add	Legends "(Pilots-Bad weather)"	10°26'22"N 44°59'25"E
		"(Pilots-Fair weather)"	10°26'21"N 44°58'09"E
		Depths 36 meters	10°26'57"N 44°58'05"E
		34 meters	10°26'58"N 44°57'56"E
		36 meters	10°26'56"N 44°58'13"E
		30 meters	10°26'16"N 44°58'01"E
		30 meters	10°26'20"N 44°58'13"E
		27 meters	10°26'02"N 44°57'59"E
		16.5 meters	10°25'49"N 44°58'05"E
		9.1 meters	10°25'35"N 44°58'14"E
		10.5 meters	10°25'30"N 44°58'15"E
		9.1 meters	10°25'21"N 44°58'13"E
		3.7 meters	10°25'15"N 44°58'14"E
		7 meters	10°26'21"N 45°00'05"E
★**62091**	3Ed. 6/19/82 LAST NM 33/87		(MCNM7989/87) 45/87
	Add	Double solid line "AIRFIELD"	
		0.075 mile wide on centerline between	10°24'26"N 44°57'34"E 10°23'12"N 44°56'00"E
		Position circle "Water Tower"	10°23'36"N 44°57'12"E
		(And Plan)	
	Delete	Airfield centered	10°25'24"N 45°00'00"E
	Add	Depths 43 meters	10°28'12"N 44°56'54"E
		46 meters	10°28'14"N 44°57'43"E
		39 meters	10°26'52"N 44°57'08"E
		38 meters	10°27'18"N 44°56'46"E
		(Plan)	
	Add	Buoys	
		red and white stripes	10°27'07"N 44°58'12"E
		red, Fl R 3s	10°26'22"N 44°58'47"E
		green, Fl(2+1) 7s	10°25'56"N 44°58'45"E
		Depths 37 meters	10°28'01"N 44°58'06"E
		46 meters	10°28'05"N 44°58'03"E
		35 meters	10°27'54"N 44°58'15"E
		39 meters	10°26'53"N 44°57'18"E
		41 meters	10°26'59"N 44°57'19"E
62091	3Ed. 6/19/82 LAST NM 45/87		(36(2697)87 Taunton) 46/87
	Add	Depth 24 meters	10°26'06"N 44°55'12"E
		Note in upper left margin of chart "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	

(continued on next page)

62091 (Continued)

		(Plan)	46/87
	Delete	Legends "Less water rep (1965)" "Work in progress (1981)" "Least depth rep 8.5m"	
		(See 33/87-62091)	
	Relocate	Buoys (10°27′07″N 44°58′12″E) to	10°27′06″N 44°58′14″E
		and change to RW, can, Fl HORN (10°26′22″N 44°58′47″E)	10°26′24″N 44°58′47″E
		and change shape to spar	
		(See 45/87-62091)	
	Change	Buoy to GRG, spar, Fl(2+1) 7s	10°25′56″N 44°58′45″E
		(See 45/87-62091)	
	Add	Buoy GRG, spar, Fl G	10°26′31″N 44°58′22″E
		Depths 16.9 meters	10°26′23″N 44°59′37″E
		9.4 meters	10°26′17″N 44°59′52″E
		9 meters	10°26′20″N 44°59′57″E

★62092 5Ed. 8/27/83 NEW EDITION (DMAHTC) 46/83

62092 5Ed. 8/27/83 LAST NM 46/83

Add	Submarine cable area limit symbol joining	(13(49)85 Brest) 26/85
		11°36′00″N 43°09′06″E
		11°35′48″N 43°17′10″E
		11°42′04″N 43°21′58″E
		11°40′44″N 43°23′18″E
		11°34′25″N 43°18′06″E
		11°35′36″N 43°09′06″E
	Legend "Anchoring, dredging, and trawling prohibited"	11°37′39″N 43°19′33″E
62092 5Ed. 8/27/83 LAST NM 26/85		
Change	Buoy to "O", red conical, Oc(4) R 12s	(51(32)84 Brest; Fr LL) 41/85 11°41′52″N 43°08′26″E
62092 5Ed. 8/27/83 LAST NM 41/85		
Change	Light to Fl(3+1) 22M	(BA CH 253, 3530) 33/87 11°33.1′N 43°09.1′E
Add	Depths 69 meters	11°37′15″N 43°33′13″E
	34 meters	11°35′23″N 43°35′48″E
	35 meters	11°37′50″N 43°38′32″E
62092 5Ed. 8/27/83 LAST NM 33/87		
Add	Depths 33 meters	(Fr CH 6298) 36/87
	17.3 meters	11°35′29″N 43°20′53″E
	24 meters	11°33′42″N 43°15′54″E
	15.8 meters	11°35′35″N 43°13′56″E
	26 meters	11°34′42″N 43°17′08″E
	23 meters	11°34′58″N 43°17′20″E
	25 meters	11°35′42″N 43°13′19″E
		11°35′00″N 43°13′45″E
62092 5Ed. 8/27/83 LAST NM 36/87		
Add	Depth 29 meters Wk	(Fr CH 5701) 37/87 11°44′53″N 43°10′34″E
62092 5Ed. 8/27/83 LAST NM 37/87		
Add	Buoys (mooring)	(53(27)87 Brest) 20/88 11°40′47″N 43°10′06″E 11°46′45″N 42°52′58″E

★62093 4Ed. 5/24/86 NEW EDITION (DMAHTC) 29/86

62093 4Ed. 5/24/86 LAST NM 29/86

Add	Depth 5.9 meters	(28((2015)86 Taunton) 35/86 11°36′19.0″N 43°07′53.8″E
62093 4Ed. 5/24/86 LAST NM 35/86		
Change	Buoy to "3", G, pillar, cone topmark, Fl(2) G	(37(48)86 Brest) 45/86 11°37.0′N 43°07.4′E
62093 4Ed. 5/24/86 LAST NM 45/86		
Change	Light to Fl(3+1) 7s 25m 22M	(BA CH 253) 33/87 11°33′07″N 43°09′06″E

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62093	4Ed. 5/24/86 LAST	NM 33/87		(Fr CH 5702; 18(27)87 Brest) 35/87
	Delete	Dashed line joining		11°36'15"N 43°08'10"E
				11°36'15"N 43°08'09"E
				11°36'14"N 43°08'09"E
				11°36'14"N 43°08'17"E
				11°36'15"N 43°08'17"E
	Substitute	Depths 10.1 meters for legend "12m"		11°36'14"N 43°08'14"E
		8.8 meters for 7.8 meters		11°36'30"N 43°07'53"E
	Add	Depth 9.3 meters		11°36'12"N 43°08'18"E
62093	4Ed. 5/24/86 LAST	NM 35/87		(Fr CH 5701, 6298) 36/87
	Change	Legends to "Ayabele and Ambouli lights in line 184°18'"		11°44'17"N 43°08'09"E
				11°38'42"N 11°07'45"E
	Add	Depths 17 meters		11°35'47"N 43°11'03"E
		21 meters		11°35'40"N 43°11'23"E
		16 meters		11°35'24"N 43°10'49"E
		15 meters		11°34'56"N 43°10'58"E
		14 meters		11°34'12"N 43°11'39"E
62093	4Ed. 5/24/86 LAST	NM 36/87		(Fr CH 5701) 37/87
	Delete	Depth 5 meters Wk		11°41'08"N 43°11'33"E
	Add	Depth 5 meters Wk		11°41'02"N 43°11'34"E
62093	4Ed. 5/24/86 LAST	NM 37/87		(53(27)87 Brest) 20/88
	Add	Buoy (mooring)		11°40'50.0"N 43°10'03.0"E

★62094	2Ed. 10/8/77	NEW EDITION		(DMAHC) 47/77
		(Previous edition canceled 52/76)		
62094	2Ed. 10/8/77 LAST	NM 47/77		(43(49)82 Brest) 15/83
	Delete	Light		11°36'03"N 43°08'12"E
62094	2Ed. 10/8/77 LAST	NM 15/83		(51(32)84 Brest; Fr CH 5702) 20/85
	Relocate	Buoy close WSW to and delete legend "PA" and change to green conical		11°36'42"N 43°06'24"E
	Change	Buoy to "3", green conical, FG		11°36'59"N 43°07'25"E
62094	2Ed. 10/8/77 LAST	NM 20/85		(32(31)85 Brest) 50/85
	Add	Legend "(occas)" to light		11°36'08"N 43°08'12"E
62094	2Ed. 10/8/77 LAST	NM 50/85		(28(2015)86 Taunton) 35/86
	Add	Depth 5.9 meters		11°36'18"N 43°07'56"E
62094	2Ed. 10/8/77 LAST	NM 35/86		(37(48)86 Brest) 45/86
	Change	Buoy to "3", G, pillar, cone topmark, Fl(2) G		11°36'59"N 43°07'24"E
62094	2Ed. 10/8/77 LAST	NM 45/86		(3(205)87 Taunton) 15/87
	Add	Buoy (mooring)		11°36'21.4"N 43°08'06.3"E
		"Pontoon", bound by solid line with land tint, 310°-130° axis 30 meters by 10 meters wide, centered		11°36'19.3"N 43°08'10.3"E
		Solid line (jetty) between		11°36'18.9"N 43°08'10.8"E
				11°36'17.1"N 43°08'12.7"E
62094	2Ed. 10/8/77 LAST	NM 15/87		(18(27)87 Brest; Fr CH 5702) 35/87
	Delete	Depths 7.8 meters		11°36'29"N 43°07'55"E
		0.6 meter		11°36'06"N 43°08'18"E
		Dashed line joining		11°36'14"N 43°08'12"E
				11°36'14"N 43°08'11"E
				11°36'12"N 43°08'11"E
				11°36'12"N 43°08'19"E
				11°36'14"N 43°08'19"E
		Legend "Dredged to 12 meters"		11°36'13"N 43°08'17"E

(continued on next page)

			35/87
62094	(Continued) Add	Depths 8.9 meters	11°36'33.2"N 43°07'59.5"E
		8.8 meters	11°36'29.1"N 43°07'56.4"E
		9.3 meters	11°36'10.8"N 43°08'20.2"E
		0.3 meter	11°36'06.4"N 43°08'18.0"E
		7.6 meters	11°36'22.5"N 43°07'57.2"E
		8.2 meters	11°36'26.4"N 43°07'58.3"E
		8.3 meters	11°36'31.8"N 43°08'02.1"E
		7.2 meters	11°36'34.8"N 43°08'05.0"E
		6.8 meters	11°36'32.8"N 43°08'11.1"E
		7.8 meters	11°36'16.2"N 43°08'11.3"E
		10.8 meters	11°36'11.0"N 43°08'11.3"E
		10.1 meters	11°36'13.2"N 43°08'16.8"E
		10.2 meters	11°36'10.9"N 43°08'17.0"E
		Legend "Ro-Ro"	11°36'14.0"N 43°08'14.2"E
62094	2Ed. 10/8/77 LAST NM 35/87 Change	Legend to "Ayabele and Ambouli lights in line 184°18'"	(Fr CH 6298, 5701) 36/87 11°37'09"N 43°07'46"E
	Add	Pilot station symbol	11°37'28.8"N 43°07'52.7"E
*62097	2Ed. 8/18/84 Add	NEW EDITION Depth 179 meters "Rep (1961)" (PA) (Previously published 35/84)	(DMAHTC) 47/84 12°33.6'N 45°04.4'E
	Change	Note to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1" (Previously published 39/84)	12°50'00"N 44°45'00"E
	Change	Lights to L Fl G 5s 10M	12°47.40'N 44°58.20'E
		L Fl R 5s 10M	12°45.91'N 44°55.30'E
		Buoys to "Fairway", RW, pillar, ball topmark, L Fl	12°45.29'N 44°56.61'E
		(undesignated), BRB, pillar, Fl(2) 5s (Previously published 43/84)	12°47.17'N 44°57.30'E
62097	2Ed. 8/18/84 LAST NM 47/84 Add	Dangerous wreck (Masts)	(11(833)86 Taunton) 18/86 12°48.0'N 44°59.3'E
62097	2Ed. 8/18/84 LAST NM 18/86 Delete	Dangerous wreck (Masts) (See 18/86-62097)	(13(347)86 Dehra Dun) 36/86 12°48.0'N 44°59.3'E
62097	2Ed. 8/18/84 LAST NM 36/86 Add	"Spoil Ground" area bound by dashed line joining	(5(355)87 Taunton) 12/87 12°42'04"N 44°57'54"E
			12°42'00"N 44°59'59"E
			12°40'01"N 44°59'59"E
			12°40'00"N 44°57'52"E
		Buoys Y, can, "X" topmark, QY in each of the above positions	
62097	2Ed. 8/18/84 LAST NM 12/87 Change	Lights to (AERO) Oc 2s 55m 10M	(BA CH 3661) 29/87 12°51.2'N 45°02.9'E
		(AERO) Oc 2s 72m 10M	12°52.5'N 45°00.2'E
62097	2Ed. 8/18/84 LAST NM 29/87 Delete	Buoys	(2(143)88 Taunton) 12/88 12°42.1'N 44°57.9'E
			12°42.0'N 45°00.0'E
			12°40.0'N 45°00.0'E
			12°40.0'N 44°57.9'E
		(See 12/87-62097)	
62097	2Ed. 8/18/84 LAST NM 12/88 Add	Buoys Y, can, "X" topmark, QY	(1(61)89 Taunton) 11/89 12°42'04"N 44°57'54"E
			12°42'00"N 44°59'59"E
			12°40'01"N 44°59'59"E
			12°40'00"N 44°57'52"E
		(Supersedes 12/88-62097)	
*62098	2Ed. 12/7/85	NEW EDITION	(DMAHTC) 7/86

62098 2Ed. 12/7/85 LAST NM 7/86 (BA CH 7, BA CH 3660, 3662) 8/86

Change Buoys, each to G, conical, Fl G 2s

"1"	12°46.1'N 44°57.1'E
"2"	12°46.8'N 44°57.5'E
"3"	12°47.2'N 44°58.0'E
"4"	12°47.4'N 44°58.3'E
"6"	12°47.7'N 44°59.1'E
"7"	12°47.8'N 44°59.4'E
"8"	12°47.9'N 44°59.7'E
"9"	12°47.9'N 44°59.8'E
"10"	12°48.0'N 45°00.1'E
"11"	12°47.9'N 45°00.3'E
"12"	12°47.8'N 45°00.6'E

Buoys, each to R, can, Fl R 5s

"1"	12°45.6'N 44°56.0'E
"2"	12°46.0'N 44°55.3'E

Buoys, each to R, can, Fl R 2s

"1"	12°46.1'N 44°57.0'E
"2"	12°46.9'N 44°57.4'E
"3"	12°47.3'N 44°57.9'E
"4"	12°47.5'N 44°58.1'E
"5"	12°47.7'N 44°58.3'E
"6"	12°47.8'N 44°58.6'E
"7"	12°48.0'N 44°59.0'E
"8"	12°48.1'N 44°59.4'E
"9"	12°48.2'N 44°59.7'E
"10"	12°48.3'N 45°00.0'E
"11"	12°48.1'N 45°00.1'E
"12"	12°47.9'N 45°00.3'E
"13"	12°47.8'N 45°00.6'E
"14"	12°47.8'N 45°00.7'E
"15"	12°47.7'N 45°00.8'E

Buoys, each to conical with light flare symbol

"A"	12°47.5'N 44°58.7'E
"B"	12°47.5'N 44°58.8'E
"E"	12°47.7'N 44°59.2'E
"F"	12°47.7'N 44°59.3'E
"G"	12°47.8'N 44°59.5'E
"H"	12°47.8'N 44°59.6'E
"R"	12°47.9'N 44°58.7'E
"S"	12°47.9'N 44°58.8'E
"U"	12°48.0'N 44°59.1'E
"V"	12°48.0'N 44°59.2'E

Buoys to R, can, can topmark 12°47.9'N 45°00.1'E
12°47.8'N 45°00.3'E
12°47.7'N 45°00.5'E

Buoy to BRB, spar, double ball topmark, Fl(2) 5s 12°46.1'N 44°57.7'E

Add Buoy "5", G, conical, Fl G 2s 12°47.4'N 44°58.4'E

62098 2Ed. 12/7/85 LAST NM 8/86

Add Dangerous wreck (Masts) (11(833)86 Taunton) 18/86
12°48'01.0"N 44°59'15.5"E

62098 2Ed. 12/7/85 LAST NM 18/86

Delete Dangerous wreck (Masts) (13(347)86 Dehra Dun) 36/86
(See 18/86-62098) 12°48'01"N 44°59'15"E

62098 2Ed. 12/7/85 LAST NM 36/86

Add Dashed line joining (5(355)87 Taunton) 12/87
12°42'00"N 44°57'54"E
12°42'04"N 44°57'54"E
12°42'00"N 44°59'59"E

Legend "Spoil Ground" 12°42'02"N 44°58'22"E
Buoys Y, can, "X" topmark, QY 12°42'04"N 44°57'54"E
12°42'00"N 44°59'59"E

62098 2Ed. 12/7/85 LAST NM 12/87

Delete Buoys (2(143)88 Taunton) 12/88
12°42.0'N 44°57.9'E
(See 12/87-62098) 12°42.0'N 45°00.0'E

62098 2Ed. 12/7/85 LAST NM 12/88

Add Buoys Y, can, "X" topmark, QY (1(61)89 Taunton) 11/89
12°42'04"N 44°57'54"E
(Supersedes 12/88-62098) 12°42'00"N 44°59'59"E

62098	2Ed. 12/7/85 LAST NM 11/89		
	Add	Stranded wreck	(8(38)89 Brest) 22/89 12°47'28"N 44°58'21"E
★62100	5Ed. 10/1/83	NEW EDITION	
	Delete	Legend "Rep exting (1981)" from light	(DMAHTC) 46/83 12°39.5'N 43°23.4'E
	Add	Purple outline of chart 62105 joining	12°37.0'N 43°22.0'E 12°43.2'N 43°22.0'E 12°43.2'N 43°30.0'E 12°37.0'N 43°30.0'E 12°37.0'N 43°22.0'E
62100	5Ed. 10/1/83 LAST NM 46/83		
	Delete	Depth 9.1 meters	(NVS7237/84) 18/84 12°43'24"N 43°20'18"E
	Add	Depth 16.7 meters (PA)	12°43'22"N 43°20'37"E
62100	5Ed. 10/1/83 LAST NM 18/84	(Plan A)	
	Add	Depth 44 meters	(16(1026)84 Taunton) 26/84 13°37.62'N 42°38.61'E
62100	5Ed. 10/1/83 LAST NM 26/84		
	Delete	Depth 17 meters "Rep (1978)"	(20(23)84 Brest) 28/84 12°32.0'N 43°22.7'E
	Add	Depth 17 meters "Rep (1978)"	12°32.3'N 43°22.4'E
62100	5Ed. 10/1/83 LAST NM 28/84		
	Substitute	Depth 31 meters for 51 meters	(Fr CH 6326) 29/84 12°28'15"N 43°30'00"E
62100	5Ed. 10/1/83 LAST NM 29/84		
	Substitute	Depth 31 meters for 51 meters (Cancels 29/84-62100)	(Fr CH 6326) 32/84 12°27'15"N 43°30'00"E
62100	5Ed. 10/1/83 LAST NM 32/84		
	Delete	Range lights, range line and legend "Lts in line 139°00" between	(BA CH 453, 1925) 29/86 13°23.5'N 43°09.9'E 13°18.6'N 43°14.2'E
	Change	Visibility (range) of light to 24M	12°39.2'N 43°25.9'E
	Add	Range lights, front VQ 9M rear Iso 9M, 880 feet 137° from front	13°18'38"N 43°14'14"E
		Range line extending in 317°00' direction from above rear light dashed for 5 miles, thence solid for 1 mile	
		Legend "Lights in line 137°00'" along above range line	13°21'30"N 43°11'28"E
	Add	(And Plan A) Anchorage symbol	13°40.0'N 42°43.1'E
	Add	(Plan A) Anchorage symbol Depth 27 meters "Rep (1956)"	13°39'00"N 42°41'12"E 13°34'02"N 42°43'12"E
	Add	(Plan B) Anchorage symbols	14°02'10"N 42°47'36"E 13°52'52"N 42°48'00"E
		Stranded wrecks	14°02'01"N 42°47'59"E 14°01'47"N 42°47'38"E
		Depths 44 meters "Rep (1965)" 48 meters "Rep (1965)"	14°02'09"N 42°49'05"E 13°59'46"N 42°49'43"E
62100	5Ed. 10/1/83 LAST NM 29/86		
	Add	Depths 43 meters 30 meters 45 meters	(49(3598)86 Taunton) 9/87 12°58.4'N 43°14.0'E 13°18.2'N 43°06.3'E 13°39.8'N 42°57.1'E
62100	5Ed. 10/1/83 LAST NM 9/87		
	Delete	Depth 242 meters 61 meters	(BA CH 3661, 19(1449)87 Taunton) 29/87 12°32.2'N 43°30.3'E 13°46.6'N 42°58.3'E

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62100	(Continued)		29/87
	Add	Depths 175 meters	12°32'35"N 43°29'05"E
		192 meters	12°30'00"N 43°34'48"E
		55 meters	12°38'00"N 43°22'18"E
		132 meters	12°35'52"N 43°20'10"E
		219 meters	12°32'15"N 43°30'20"E
		45 meters	13°46'30"N 42°57'54"E
		35 meters	13°36'48"N 43°00'00"E
		30 meters	13°28'54"N 43°01'36"E
62100	5Ed. 10/1/83 LAST NM 29/87		(24(1776)87 Taunton) 40/87
	Add	Depths 96 meters (PA)	12°58'00"N 43°10'33"E
		41 meters	13°33'30"N 42°58'33"E
		43 meters	13°41'12"N 42°56'48"E
		43 meters	13°43'48"N 42°56'18"E
62100	5Ed. 10/1/83 LAST NM 40/87		(3(237)88 Taunton) 13/88
	Delete	Depths 127 meters	13°06.8'N 43°07.4'E
		119 meters	13°06.0'N 43°08.2'E
	Add	Depths 64 meters	13°05'15"N 43°08'25"E
		49 meters	13°06'52"N 43°07'30"E
		50 meters	13°11'49"N 43°04'40"E
62100	5Ed. 10/1/83 LAST NM 13/88 (Plan A)		(15(1156)88 Taunton) 27/88
	Add	Depth 45 meters	13°34'36"N 42°37'30"E
62100	5Ed. 10/1/83 LAST NM 27/88 (Plan B)		(16(1210)88 Taunton) 31/88
	Delete	Stranded wreck	14°01'47"N 42°47'38"E
	Substitute	Dangerous wreck (Masts) (PA) for stranded wreck	14°02'01"N 42°47'59"E
★**62105**	2Ed. 4/25/81	NEW EDITION	(DMAHTC) 24/81
62105	2Ed. 4/25/81 LAST NM 24/81		(DMAHTC) 39/81
	Change	Note to "NOTE Entry into this area is prohibited by Yemen-(PDRY) authorities. See Annual Notice to Mariners No. 1, paragraph 15."	12°43'05"N 43°24'23"E
62105	2Ed. 4/25/81 LAST NM 39/81		(11(636)82 Taunton) 34/82
	Delete	Stranded wreck (PA)	12°37'53"N 43°26'05"E
	Add	Stranded wreck	12°37'49"N 43°25'57"E
★**62110**	7Ed. 5/21/83	NEW EDITION	(DMAHTC) 31/83
62110	7Ed. 5/21/83 LAST NM 31/83		(16(1026)84 Taunton) 26/84
	Add	Depth 44 meters	13°37.70'N 42°38.45'E
62110	7Ed. 5/21/83 LAST NM 26/84		(BA CH 453) 29/86
	Add	Anchorage symbols (large vessels)	13°40.0'N 42°43.1'E
			13°39.0'N 42°41.2'E
62110	7Ed. 5/21/83 LAST NM 29/86 (Plan)		(4(291)87 Taunton) 13/87
	Add	Legend "Less water rep (1986)"	13°59'59"N 42°44'54"E
62110	7Ed. 5/21/83 LAST NM 13/87 (Plan)		(4(291)87 Taunton) 20/87
	Add	Legend "Less water rep (1986)" (Cancels 13/87-62110)	12°59'59"N 42°44'54"E
62110	7Ed. 5/21/83 LAST NM 20/87		(DMAHTC; BA CH 1926) 8/88
	Delete	Legends "SEE NOTE"	13°30.7'N 42°43.0'E
			13°52.2'N 42°52.2'E
	Change	Note to "NOTE Limits of next larger scale chart(s) are shown in purple. Users should consult chart catalog which may contain later information."	13°54.3'N 41°32.5'E

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62110	(Continued)		8/88
	Add	Caution No. 3 to cautions note: "3. Anchorage is prohibited north of the line joining Ras Lumah and Fatuma Deset."	
			13°55.3'N 41°32.5'E
		(And Plan)	
	Add	Purple dashed line between	13°02'37"N 42°44'32"E 13°02'37"N 42°50'48"E
		Legend "CAUTION NO 3"	13°02'40"N 42°47'10"E
62110	7Ed. 5/21/83 LAST NM 8/88		
	Add	Depth 45 meters	(15(1156)88 Taunton) 27/88 13°34'36"N 42°37'30"E
62110	7Ed. 5/21/83 LAST NM 27/88		
	Add	Depths 48 meters "Rep (1965)" 41 meters	(BA CH 453) 18/89 13°59'45"N 42°49'35"E 13°46'30"N 42°35'30"E
*62111	5Ed. 3/10/84	NEW EDITION	(DMAHTC; BA CH 212) 18/84
		(Plan G)	
	Change	Color of buoy to yellow	16°52'01"N 42°31'50"E
62111	5Ed. 3/10/84 LAST NM 18/84		
		(Plan E)	(13(828)84 Taunton) 21/84
	Delete	Depths 5¼ fathoms 4¼ fathoms	14°57'51"N 42°51'28"E 14°57'46"N 42°51'46"E
		Dashed line (recommended track for deep draft vessels) between	14°58'16"N 42°50'09"E 14°57'47"N 42°52'12"E
	Relocate	Buoy close SE to and change to port buoy: R. can, Fl(2) R 5s	14°57'47"N 42°51'56"E
		Buoy close SE to and change to starboard buoy: G. conical, Fl(2) G 7s	14°57'40"N 42°51'55"E
	Change	Buoy to safe water buoy: "Fairway", RW, spherical, Fl(2) 10s	14°58'16"N 42°50'09"E
	Add	Depths 2¼ fathoms 3½ fathoms	14°57'52"N 42°51'39"E 14°58'06"N 42°51'22"E
		Dashed line (recommended track) between	14°58'16"N 42°50'09"E 14°57'36"N 42°52'22"E
*62111	5Ed. 3/10/84 LAST NM 21/84		
	Delete	Plan E (Ra's...Hudaydah)	(DMAHTC) 41/84
62111	5Ed. 3/10/84 LAST NM 41/84		
		(Plan G)	(47(3063)84 Taunton) 8/85
	Change	Legend to "Lts in line 096°30'"	16°00'10"N 42°30'35"E
62111	5Ed. 3/10/84 LAST NM 8/85		
		(Plan G)	(47(3063)84 Taunton) 13/85
	Change	Legend to "Lts in line 096°30'" (Cancels 8/85-62111)	16°53'10"N 42°30'35"E
*62111	5Ed. 3/10/84 LAST NM 13/85		
	Delete	Plan G (Gizan)	(HNNM7710/86) 11/86
62111	5Ed. 3/10/84 LAST NM 11/86		
		(Plan C)	(BA CH 675) 6/89
	Substitute	Depth 1½ fathoms for 5 fathoms	18°52'41"N 37°24'33"E
	Add	Bns	18°52'52"N 37°25'10"E 18°52'44"N 37°25'04"E
*62120	4Ed. 9/3/83	NEW EDITION	(DMAHTC) 45/83
62120	4Ed. 9/3/83 LAST NM 45/83		
	Change	Visibility (range) of lights to 10M 9M	(Fr CH 6983) 33/87 16°37.2'N 39°19.5'E 16°01.9'N 39°26.2'E

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62120	4Ed. 9/3/83 LAST NM 33/87		(31(42)87 Brest; BA LL) 48/87
	Delete	Legend "Exting" from light	15°31.6'N 40°03.0'E
	Change	Light to Fl 5s 15m 9M and delete red sector	15°34.8'N 39°45.7'E
62120	4Ed. 9/3/83 LAST NM 48/87		(9(51)88 Brest) 33/88
	Delete	Bns	15°33.2'N 39°59.3'E 15°32.8'N 39°59.1'E 15°38.6'N 39°53.8'E 15°46.3'N 39°47.7'E 15°47.0'N 39°44.9'E
★**62121**	6Ed. 8/27/83	NEW EDITION	(DMAHTC) 45/83
62121	6Ed. 8/27/83 LAST NM 45/83		(Fr CH 7071) 18/86
		(Plan)	
	Add	Pilot station symbol	15°36'57.8"N 39°29'34.8"E
		Wreck (PA)	15°37'21.7"N 39°29'42.1"E
		Anchorage symbols (large vessels)	15°36'51.7"N 39°29'41.2"E 15°35'38.6"N 39°27'20.1"E
		Chartlet, depicting changes in hydrography, from back of Section I	15°36'12.0"N 39°28'36.0"E
62121	6Ed. 8/27/83 LAST NM 18/86		(BA LL) 48/87
	Change	Light to Fl 5s 15m 9M and delete red sector	15°34.8'N 39°45.7'E
62121	6Ed. 8/27/83 LAST NM 48/87		(9(51)88 Brest) 33/88
	Delete	Bns	15°46.2'N 39°47.6'E 15°47.0'N 39°44.9'E
62121	6Ed. 8/27/83 LAST NM 33/88		(BA CH 171) 2/89
	Add	Dangerous submerged rock	15°34'22"N 39°45'45"E
★**62130**	1Ed. 8/20/83	NEW CHART	(DMAHTC) 46/83
		(Continuation)	
	Change	Legend "CONTINUED ON" to "CONTINUATION OF"	15°04'45"N 39°39'45"E
62130	1Ed. 8/20/83 LAST NM 46/83		(BA CH 168) 30/86
	Add	Depth 1.4 meters	14°48'58"N 40°47'14"E
		Anchorage symbol	14°43'55"N 40°53'23"E
		(And Continuation)	
	Add	Anchorage symbol	15°15'11"N 39°48'53"E
		(Continuation)	
	Add	Anchorage symbol	15°08'31"N 39°50'05"E
62130	1Ed. 8/20/83 LAST NM 30/86		(BA LL) 48/86
	Delete	Legends "Exting"	15°04.5'N 40°30.7'E 14°38.7'N 41°05.5'E
62130	1Ed. 8/20/83 LAST NM 48/86		(31(42)87 Brest; BA LL) 48/87
	Delete	Legend "Exting" from light	15°31.6'N 40°00.3'E
		(And Continuation)	
	Change	Light to Fl 5s 15m 9M and delete red sector	15°34.8'N 39°45.7'E
62130	1Ed. 8/20/83 LAST NM 48/87		(43(41)87 Brest) 11/88
	Delete	Light	14°41.7'N 40°57.5'E
62130	1Ed. 8/20/83 LAST NM 11/88		(9(51)88 Brest) 33/88
	Delete	Bns	15°33.2'N 39°59.3'E 15°32.8'N 39°59.1'E
62130	1Ed. 8/20/83 LAST NM 33/88		(BA CH 171) 2/89
	Delete	Depths 7.9 meters	14°58.7'N 41°14.8'E
		57 meters	15°29.8'N 40°57.4'E
		51 meters	15°29.8'N 40°58.6'E
		61 meters	15°30.1'N 41°00.4'E
	Substitute	Depths 30 meters for 79 meters	15°00.3'N 41°13.6'E
		18.2 meters for 28 meters	15°15.2'N 40°18.6'E

(continued on next page)

62130	(Continued)		2/89
	Add	Depths 7.9 meters	14°59.3'N 41°14.3'E
		19 meters	15°02.5'N 40°36.3'E
		18 meters	15°13.9'N 40°21.9'E
		24 meters	15°17.4'N 40°51.3'E
		16 meters	15°30.2'N 40°57.3'E
		11 meters	15°30.4'N 40°58.2'E
		14 meters	15°30.4'N 41°00.2'E
		(And Continuation)	
	Add	Dangerous submerged rock	15°26.2'N 39°45.3'E
			15°33.8'N 39°45.6'E
62130	1Ed. 8/20/83 LAST	NM 2/89	(2(167)89 Taunton) 14/89
	Delete	Depth 29 meters	15°10.7'N 40°34.2'E
★62142	8Ed. 7/30/83	NEW EDITION	(DMAHTC) 41/83
	Change	Legend "VAR 1°27'E (1982)" to "VAR 1°27'E (1980)"	19°35.65'N 37°16.45'E
	Add	Latitude designation 35' to tick mark on left border of chart	19°35'00"N 37°12'45"E
		(Plan)	
	Change	Latitude 38°19'18"N to 19°38'18"N in upper right corner of plan	
62142	8Ed. 7/30/83 LAST	NM 41/83	(5(284)84 Taunton) 12/84
		(And Plan)	
	Delete	R Bn (AERO)	19°38'01"N 37°13'55"E
62142	8Ed. 7/30/83 LAST	NM 12/84	(25(1797)86 Taunton) 35/86
		(And Plan)	
	Add	R Bn	19°36'31.2"N 37°14'00.8"E
62142	8Ed. 7/30/83 LAST	NM 35/86	(BA CH 3492) 23/87
	Delete	Stranded wrecks	19°37'05"N 37°17'13"E
			19°37'12"N 37°17'03"E
	Add	Stranded wreck	19°33'42"N 37°15'15"E
			19°37'10"N 37°17'12"E
		(And Plan)	
	Delete	Stranded wreck	19°35.8'N 37°14.6'E
	Add	Stranded wreck	19°35'48.5"N 37°14'33.0"E
		Depth 65 meters Wk (unsurveyed) (PA)	19°36'01.5"N 37°14'25.0"E
		(Plan)	
	Delete	Berth numbers "9"	19°37.0'N 37°13.7'E
		"11"	19°37.2'N 37°13.6'E
	Substitute	Quay berth symbols for berth numbers	
		"15"	19°36.4'N 37°13.8'E
		"16"	19°36.4'N 37°13.7'E
		"17"	19°36.4'N 37°13.6'E
		"18"	19°36.4'N 37°13.5'E
	Add	Quay berth symbols "1"	19°36'24.0"N 37°14'00.0"E
		"2"	19°36'27.0"N 37°13'58.0"E
		"3"	19°36'31.5"N 37°13'55.0"E
		"4"	19°36'35.0"N 37°13'52.0"E
		"5"	19°36'39.0"N 37°13'50.0"E
		"5A"	19°36'43.0"N 37°13'46.0"E
		"6"	19°36'48.0"N 37°13'45.0"E
		"7"	19°36'53.0"N 37°13'44.0"E
		"8"	19°36'59.0"N 37°13'43.0"E
		"9"	19°37'07.0"N 37°13'41.0"E
		"11"	19°37'13.0"N 37°13'39.0"E
		Legend "Ro Ro Terminal"	19°36'24.0"N 37°13'33.0"E
		Lights 2 FG (Hor)	19°36'43.5"N 37°13'51.5"E
			19°36'43.0"N 37°13'52.0"E
		Chartlet, depicting table of depths, from back of Section I	19°35'00.0"N 37°14'11.5"E

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62142	8Ed. 7/30/83 LAST NM 23/87		(29(27)87 Brest) 50/87
	Add	Stranded wreck	19°31'09"N 37°20'21"E
62142	8Ed. 7/30/83 LAST NM 50/87		(BA CH 82) 33/88
	Substitute	Depth 69 meters for 92 meters	19°30'18"N 37°18'51"E
		(And Plan)	
	Change	Visibility (range) of light to 10M	19°35'22"N 37°14'55"E
62142	8Ed. 7/30/83 LAST NM 33/88		(41(3055)88 Taunton) 52/88
	Add	Stranded wreck (conspic) (PA)	19°31'35"N 37°19'54"E
★62143	1Ed. 7/30/83	NEW CHART	(DMAHTC) 41/83
	Delete	Legend "(Rep exting 1981)" from light	19°23.1'N 37°54.8'E
62143	1Ed. 7/30/83 LAST NM 41/83		(BA LL) 45/83
	Change	Visibility (range) of light to 10M	19°23.1'N 37°54.8'E
62143	1Ed. 7/30/83 LAST NM 45/83		(5(284)84 Taunton) 12/84
	Delete	R Bn (AERO)	19°38'02"N 37°13'56"E
62143	1Ed. 7/30/83 LAST NM 12/84		(25(1797)86 Taunton) 35/86
	Add	R Bn	19°36.5'N 37°14.1'E
62143	1Ed. 7/30/83 LAST NM 35/86		(29(27)87 Brest) 50/87
	Add	Stranded wreck	19°31'06"N 37°20'20"E
62143	1Ed. 7/30/83 LAST NM 50/87		(BA CH 82) 33/88
	Delete	Depths 392 meters	19°09'38"N 37°25'12"E
		72 meters	19°23'18"N 37°20'48"E
		176 meters	19°39'00"N 37°15'54"E
	Substitute	Depths 69 meters for 92 meters	19°30'18"N 37°18'49"E
		24 meters for 75 meters	19°30'22"N 37°17'30"E
		55 meters for 73 meters	19°39'15"N 37°16'09"E
	Change	Visibility (range) of light to 10M	19°35'21"N 37°14'57"E
	Add	Depths 44 meters	19°23'12"N 37°20'17"E
		55 meters	19°38'58"N 37°15'42"E
		37 meters (no bottom found)	19°09'21"N 37°25'09"E
		27 meters (no bottom found)	19°10'24"N 37°25'36"E
		27 meters (no bottom found)	19°10'55"N 37°25'55"E
62143	1Ed. 7/30/83 LAST NM 33/88		(MCNM8148/88) 41/88
	Delete	Shoal area and blue tint centered	19°41.1'N 37°28.5'E
62143	1Ed. 7/30/83 LAST NM 41/88		(41(3055)88 Taunton) 52/88
	Add	Stranded wreck	19°31'35"N 37°19'54"E
★62144	1Ed. 5/12/84	NEW CHART	(DMAHTC) 29/84
★62171	3Ed. 8/11/84	NEW EDITION	(DMAHTC, 1820/83 Taunton; NVS6743/82; BA CH 328) 41/84
	Delete	Open-outlined arrows (4) between	23°56'46"N 38°07'18"E
			23°54'36"N 38°11'30"E
	Change	Legends "Ra" to "Ra (conspic)"	24°16'44"N 37°32'36"E
			24°16'18"N 37°34'06"E
		Characteristic of buoy "2Q" to VQ(6) + L Fl 10s	24°01'00"N 38°02'34"E
		Buoy "12", BRB, pillar, double ball topmark, Q	23°55'00"N 38°12'24"E
	Add	Buoy "12", BRB, pillar, double ball topmark, Fl(2) 10s	23°55'27"N 38°11'51"E
62171	3Ed. 8/11/84 LAST NM 41/84		(BA CH 328) 6/85
	Change	Designation of buoy "12" to "W" (See 41/84-62171)	23°55'00"N 38°12'24"E
62171	3Ed. 8/11/84 LAST NM 6/85		(29(1901)85 Taunton) 36/85
	Delete	Buoys "2"	24°02.7'N 38°04.4'E
		"4P"	23°56.5'N 38°12.6'E

62171	3Ed. 8/11/84 LAST NM 36/85		(3(206)87 Taunton) 15/87
	Add	Depths 18.9 meters	24°07'37"N 37°43'12"E
		15.3 meters	24°01'34"N 37°50'18"E
		14.6 meters	24°01'30"N 37°51'57"E
		21.5 meters	23°57'56"N 37°56'48"E
		10.1 meters	23°57'47"N 38°00'30"E
		22.5 meters	23°58'14"N 38°00'55"E
		13.6 meters	23°58'56"N 38°09'02"E
		15.6 meters	23°50'38"N 38°06'34"E
62171	3Ed. 8/11/84 LAST NM 15/87		(DMAHTC; SPA A182/87) 1/88
	Delete	Purple outline of chart 62172	23°59.0'N 38°08.0'E
	Add	Purple outline of chart 62172 joining	24°05'10"N 38°13'30"E
			24°05'10"N 37°57'10"E
			24°01'30"N 37°57'10"E
			23°56'20"N 38°02'00"E
			23°56'20"N 38°06'00"E
			23°50'00"N 38°06'00"E
			23°50'00"N 38°13'30"E
		Dashed line (port limit) joining	24°03'30"N 38°05'30"E
			24°03'30"N 38°02'00"E
			24°07'00"N 37°53'40"E
			24°07'00"N 37°45'00"E
			24°01'30"N 37°45'00"E
			23°50'00"N 38°12'00"E
			23°47'50"N 38°12'46"E
		Legends "KING FAHD PORT LIMIT"	23°59'00"N 38°51'14"E
			24°06'48"N 38°50'00"E
62171	3Ed. 8/11/84 LAST NM 1/88		(SPA A182/87) 12/88
	Add	Legends "KING FAHD PORT LIMIT"	23°59'00"N 37°51'14"E
			24°06'48"N 37°50'00"E
		(See 1/88-62171)	
★62172	2Ed. 11/24/84	NEW EDITION	(DMAHTC; BA CH 328) 6/85
	Change	Characteristic of buoy "8R" to Fl(2) Y 10s	23°54'04"N 38°17'11"E
62172	2Ed. 11/24/84 LAST NM 6/85		(HNNM7484/85; BA CH 328) 28/85
	Delete	Berth designation "8"	23°57'43.5"N 38°12'16.2"E
		Legends "Anchorage Prohibited Caution No 2"	23°56'51.0"N 38°12'00.0"E
		"Anchorage Prohibited Caution No 2"	23°55'13.0"N 38°12'00.0"E
		"Area being dredged"	23°55'05.0"N 38°17'23.0"E
		Caution No 2 from cautions note	23°54'36.0"N 38°20'50.2"E
	Relocate	Berth designation "7" close SE to	23°57'45.0"N 38°12'14.5"E
	Change	Cautions note title and line one of cautions note to "CAUTION Buoys, beacons and lights are charted in their as"	23°54'43.0"N 38°21'17.0"E
		Berth designations "1" to "61"	23°56'32.0"N 38°13'25.0"E
		"2" to "62"	23°56'25.0"N 38°13'38.0"E
		"3" to "63"	23°56'17.0"N 38°13'56.0"E
		"1" to "91"	23°55'01.5"N 38°16'46.0"E
		"2" to "92"	23°54'54.0"N 38°17'05.0"E
		"3" to "93"	23°55'07.0"N 38°17'01.0"E
		"4" to "94"	23°55'03.0"N 38°17'13.0"E
		Legends to "Yanbu Petromin Refinery Terminal"	23°55'14.0"N 38°17'29.0"E
		"Ro-Ro Ramp"	23°58'15.0"N 38°11'45.0"E
	Add	Bns	23°54'51.9"N 38°17'32.2"E
			23°55'09.0"N 38°17'27.5"E
			23°55'08.0"N 38°17'14.1"E
			23°54'55.5"N 38°17'19.6"E

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62172	(Continued)		28/85
	Add	Dashed lines joining	23°55′13.7″N 38°16′56.8″E
			23°55′08.0″N 38°17′14.1″E
			23°55′10.2″N 38°17′25.8″E
			23°55′07.1″N 38°17′28.9″E
			23°54′51.5″N 38°17′32.5″E
		joining	23°55′06.5″N 38°16′54.0″E
			23°54′58.8″N 38°17′21.0″E
			23°54′51.5″N 38°17′18.9″E
		Legends "Least depth 11.5 meters (1984)"	23°55′04.5″N 38°17′13.0″E
		"Dredged to 16.0 meters (1984)" between	23°54′57.5″N 38°16′50.0″E
			23°54′49.8″N 38°17′17.0″E
		Depths 15.8 meters	28°54′52.0″N 38°17′23.8″E
		16.2 meters	28°54′45.5″N 38°17′31.5″E
		16.2 meters	28°54′56.5″N 38°17′30.0″E
		Anchoring berths "N1"	23°56′37.1″N 38°11′37.0″E
		"N2"	23°56′23.0″N 38°11′48.0″E
		"N3"	23°56′20.0″N 38°12′06.5″E
		"N4"	23°55′59.9″N 38°12′17.0″E
		Berth designations "21"	23°57′04.1″N 38°13′08.5″E
		"22"	23°57′01.5″N 38°13′20.0″E
62172	2Ed. 11/24/84 LAST NM 28/85		(HNNM7484/85; BA CH 328) 33/85
	Delete	Legend "ANCHORAGE...NO 2"	23°56′05″N 38°09′53″W
62172	2Ed. 11/24/84 LAST NM 33/85		(29(1901)85 Taunton) 36/85
	Delete	Buoy "4P"	23°56.5′N 38°12.6′E
		(Plan)	
	Delete	Buoy "2"	24°02.7′N 38°04.3′E
62172	2Ed. 11/24/84 LAST NM 36/85		(BA CH 328) 39/85
	Add	Chartlets, depicting changes in hydrography, topography and aids to navigation, from back of Section I	
		(A)	23°58.0′N 38°11.4′E
		(B)	23°58.0′N 38°14.0′E
		(C)	23°56.0′N 38°12.0′E
		(D)	23°56.0′N 38°14.0′E
62172	2Ed. 11/24/84 LAST NM 39/85		(6(444)86 Taunton) 19/86
	Add	Anchoring berth "N5"	23°55′37.2″N 38°12′30.6″E
62172	2Ed. 11/24/84 LAST NM 19/86		(13(978)86 Taunton) 23/86
	Delete	Buoy "13"	23°51.0′N 38°15.9′E
	Add	Buoy "CZS" Y, pillar, "X" topmark, Fl(5) Y 15s	23°51′04″N 38°15′29″E
62172	2Ed. 11/24/84 LAST NM 23/86		(SPA A170/86) 10/87
	Add	Buoy "S11" G, conical, cone topmark, Fl(2) G	23°51′09.0″N 38°19′26.4″E
62172	2Ed. 11/24/84 LAST NM 10/87		(3(206)87 Taunton) 15/87
	Delete	Depths 17 meters	23°56′08″N 38°14′29″E
		19 meters	23°54′49″N 38°14′33″E
	Add	Depths 13.6 meters	23°58′56″N 38°09′02″E
		35 meters	23°56′19″N 38°13′20″E
		15.6 meters	23°50′38″N 38°06′34″E
		15.9 meters	23°56′07″N 38°14′30″E
		17.7 meters	23°54′47″N 38°14′34″E
		15.7 meters	23°54′10″N 38°15′35″E
62172	2Ed. 11/24/84 LAST NM 15/87		(SPA A182/87) 1/88
	Delete	Dashed line joining	23°53.8′N 38°06.0′E
			23°50.0′N 38°12.0′E
			23°50.0′N 38°22.2′E
		Legends "KING FAHD PORT LIMIT"	23°50.1′N 38°17.8′E
			23°53.4 N 38°06.7′E

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62172	(Continued)		1/88
	Add	Dashed line (port limit) between	23°50'00"N 38°12'00"E 23°52'34"N 38°06'00"E
		Legend "KING FAHD PORT LIMIT"	23°51'25"N 38°08'48"E
62172	2Ed. 11/24/84 LAST NM 1/88		(45(3366)88 Taunton) 2/89
	Relocate	Buoy "36C" close N to (See 39/85-62172)	23°56'07.5"N 38°14'06.0"E
62172	2Ed. 11/24/84 LAST NM 2/89		(12(937)89 Taunton) 24/89
	Change	Bns to beacons	
		"No 1" R. can topmark, FR	23°54'56"N 38°17'20"E
		"No 2" G. cone topmark, FG	23°54'52"N 38°17'32"E
		"No 3" G. cone topmark, FG	23°55'09"N 38°17'28"E
		"No 4" G. cone topmark, FG	23°55'08"N 38°17'14"E
★62177	1Ed. 8/13/83	NEW CHART	(DMAHTC) 45/83
62177	1Ed. 8/13/83 LAST NM 45/83		(5(321)86 Taunton) 12/86
		(And Plan)	
	Add	Pilot station symbol	26°42'56"N 33°58'01"E
		Depth 24 meters	26°42'59"N 33°57'29"E
★62188	1Ed. 9/3/83	NEW CHART	(DMAHTC) 45/83
62188	1Ed. 9/3/83 LAST NM 45/83		(NVS7016/83) 49/83
	Add	Legend "Traffic Separation Scheme temporarily discontinued." between	27°33'39"N 34°00'00"E 27°35'18"N 34°02'30"E
62188	1Ed. 9/3/83 LAST NM 49/83		(NW 103/84 Alexandria) 12/85
	Change	Characteristic of light to Fl 2½s	27°27.1'N 34°02.2'E
62188	1Ed. 9/3/83 LAST NM 12/85		(5(33)86 Brest) 15/86
	Add	Depth 88 meters (PA)	27°35'15"N 34°00'53"E
62188	1Ed. 9/3/83 LAST NM 15/86		(HNNM7740/86) 16/86
	Delete	Reef	27°34'08"N 33°49'18"E
62188	1Ed. 9/3/83 LAST NM 16/86		(BA CH 2375) 29/86
	Change	Characteristic of light to Fl 4s	27°27.1'N 34°02.2'E
62188	1Ed. 9/3/83 LAST NM 29/86		(32(2415)87 Taunton) 43/87
	Add	Racon at light	27°27.1'N 34°02.2'E
62188	1Ed. 9/3/83 LAST NM 43/87		(35(2654)87 Taunton) 45/87
	Delete	Bn	27°21.9'N 33°54.5'E
	Change	Light to Fl(2) 20s 37m 22M Racon (See 43/87-62188)	27°27.1'N 34°02.2'E
	Add	Lights Fl R 10s 7M Racon	27°34'37"N 33°55'41"E
		Fl(4) 20s 15M	27°33'38"N 33°52'41"E
		Fl(3) 15M	27°21'22"N 33°54'29"E
62188	1Ed. 9/3/83 LAST NM 45/87		(MCNM7975/87) 47/87
	(Prelim'y)		
		At 0000 GMT on 1 January 1988	
	Delete	Traffic separation scheme centered	27°34.0'N 34°01.5'E
		Legend "Traffic Separation Scheme temporarily discontinued" centered	27°34.4'N 34°01.2'E
	Add	Purple tint (traffic separation zone) bound by limit joining	27°35'50"N 33°58'52"E 27°35'50"N 34°00'28"E 27°33'46"N 34°03'00"E 27°32'16"N 34°03'00"E
		Purple dashed line (outside limit of traffic lane) between	27°30'10"N 34°03'00"E 27°35'50"N 33°56'38"E
		Open-outlined arrows indicating flow of traffic oriented 135°	27°34'30"N 33°59'30"E
		135°	27°33'00"N 34°01'12"E
		315°	27°35'24"N 34°02'00"E

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P 62188	(Continued)		47/87
	Add	Note: The above amended traffic separation scheme has been adopted by IMO.	
62188	1Ed. 9/3/83 LAST NM 47/87		(MCNM7975/87) 52/87
	Delete	Traffic separation scheme centered	27°34.0'N 34°01.5'E
		Legend "Traffic Separation Scheme temporarily discontinued" centered	27°34.4'N 34°01.2'E
	Add	Purple tint (traffic separation zone) bound by limit joining	27°35'50"N 33°58'52"E 27°35'50"N 34°00'28"E 27°33'46"N 34°03'00"E 27°32'16"N 34°03'00"E
		Purple dashed line (outside limit of traffic lane) between	27°30'10"N 34°03'00"E 27°35'50"N 33°56'38"E
		Open-outlined arrows indicating flow of traffic oriented 135°	27°34'30"N 33°59'30"E
		135°	27°33'00"N 34°01'12"E
		315°	27°35'24"N 34°02'00"E
		Note: The above amended traffic separation scheme has been adopted by IMO and is effective at 0000 GMT on 1 January 1988. (Supersedes 47/87P-62188)	
62188	1Ed. 9/3/83 LAST NM 52/87		(18, 21/87 Alexandria) 18/88
	Change	Light to Fl 10s 11m 7M Racon (See 45/87-62188)	27°34'37"N 33°55'41"E
	Add	Racon at light (See 45/87-62188)	27°21'22"N 33°54'29"E
62188	1Ed. 9/3/83 LAST NM 18/88		(BA CH 2375; 10/88 Alexandria) 33/88
	Change	Characteristic of light to Fl R 10s (See 18/88-62188)	27°34'37"N 33°55'41"E
	Add	Wreck (PA)	27°21'55"N 33°54'00"E
★**62191**	12Ed. 12/27/86	NEW EDITION	(DMAHTC; MCNM7875/87) 11/87
	Add	Light Mo(U) 15s HORN to buoy (mooring) "SBM" (Previously published 4/87)	27°50'56"N 33°36'08"E
	Change	Light to Fl 5s 25m 15M Racon (Previously published 10/87)	27°40'47"N 33°48'30"E
		(And Plan B)	
	Change	Visibility (range) of light to 22M (Previously published 10/87)	28°07'58"N 33°16'44"E
	Change	Light to Fl 5s 37m 15M and add legend "Racon"	28°01.8'N 33°24.6'E
	Add	Danger circle "Obstr" marked by (4) buoys	28°18.4'N 33°08.5'E
		Platforms with light flare symbol with legend "IQ HORN"	28°17.3'N 33°14.5'E 28°14.9'N 33°26.8'E 28°13.2'N 33°28.4'E 28°01.5'N 33°43.5'E 28°07.9'N 33°38.8'E
		Submarine pipeline joining	28°17.3'N 33°14.5'E 28°14.0'N 33°14.0'E 28°10.5'N 33°14.1'E
62191	12Ed. 12/27/86 LAST NM 11/87		(8/87 Alexandria; DMAHTC) 22/87
	Change	Line 3 of cautions note to "in the oilfield areas enclosed by dashed lines. As these features"	28°20.5'N 33°51.0'E

(continued on next page)

62191	(Continued) Add	Platforms with light flare symbol	22/87
		with legend "IQ HORN"	28°12.1′N 33°34.5′E
		"IQ HORN"	28°11.4′N 33°28.2′E
		"IQ HORN"	28°13.9′N 33°27.0′E
		"IQ HORN"	28°14.3′N 33°16.8′E
		"IQ"	28°13.2′N 33°27.5′E
62191	12Ed. 12/27/86 LAST NM 22/87 Add	Lightfloat RW, ball topmark, Mo(A) 10s Racon	(9(697)87 Taunton) 28/87 28°09′31″N 33°20′15″E
62191	12Ed. 12/27/86 LAST NM 28/87 Add	Racon at light	(32(2415)87 Taunton) 43/87 27°27.0′N 34°02.2′E
62191	12Ed. 12/27/86 LAST NM 43/87 Delete	Bn Tr	(1(61), 35(2654)87 Taunton) 45/87 27°21.8′N 33°54.5′E
		Submarine pipeline between	28°14.0′N 33°14.0′E
			28°10.5′N 33°14.1′E
		(See 11/87-62191)	
	Change	Light to Fl(2) 20s 37m 22M Racon (See 43/87-62191)	27°27.0′N 34°02.2′E
	Add	Lights Fl R 10s 7M Racon	27°34′35″N 33°55′40″E
		Fl(4) 20s 15M	27°33′40″N 33°52′44″E
		Fl(3) 15M Racon	27°21′25″N 33°54′30″E
		Fl 10s 22M Racon	27°47′15″N 34°05′23″E
		Fl (9) 15s 15M Racon	27°46′25″N 33°53′05″E
		Submarine pipeline between	28°14.0′N 33°14.0′E
			28°11.4′N 33°13.0′E
		(And Plan A)	
	Add	Light Fl(3) 20s 22M Racon	27°50′55.5″N 34°18′57.5″E
P 62191	12Ed. 12/27/86 LAST NM 45/87 (Prelim'y)		(MCNM7975/87) 47/87
		At 0000 GMT on 1 January 1988	
	Delete	Traffic separation scheme between	28°08′15″N 33°20′00″E
			27°30′36″N 34°05′54″E
		Legends "NOTE NO 2"	27°48′50″N 33°45′30″E
			27°30′10″N 34°05′45″E
	Change	Lines 4-5 of note to "2. Reserved."	28°13′15″N 33°51′00″E
	Add	Purple tint (traffic separation zone) bound by limit joining	28°07′51″N 33°21′29″E
			27°54′32″N 33°38′00″E
			27°49′51″N 33°43′11″E
			27°42′44″N 33°50′48″E
			27°30′09″N 34°05′29″E
			27°31′02″N 34°06′25″E
			27°43′37″N 33°50′47″E
			27°50′23″N 33°43′53″E
			27°55′01″N 33°38′07″E
			28°08′30″N 33°22′28″E
		Purple dashed lines (outside limit of traffic lane) joining	28°07′19″N 33°20′21″E
			27°53′21″N 33°37′39″E
			27°49′18″N 33°42′35″E
			27°41′56″N 33°49′48″E
			27°29′02″N 34°04′20″E
		joining	27°33′06″N 34°08′35″E
			27°44′26″N 33°51′29″E
			27°51′09″N 33°44′30″E
			27°56′00″N 33°38′22″E
			28°09′13″N 33°23′37″E
		Open-outlined arrows indicating flow of traffic oriented 310°	27°36′22″N 34°01′50″E
		315°	27°59′10″N 33°34′00″E
		135°	27°56′45″N 33°34′30″E
		130°	27°33′10″N 34°01′20″E

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P 62191	(Continued)		47/87
	Add	Note: The above amended traffic separation scheme has been adopted by IMO.	
62191	12Ed. 12/27/86 LAST NM 47/87		(40(3028)87 Taunton) 48/87
	Add	Submarine pipeline between	28°13.2'N 33°27.5'E 28°03.2'N 33°20.6'E
		(See 22/87-62191)	
62191	12Ed. 12/27/86 LAST NM 48/87		(11/87 Alexandria) 51/87
	Add	Submarine pipeline joining	27°53'22"N 33°33'35"E 27°50'35"N 33°41'22"E 27°50'01"N 33°42'35"E 27°50'05"N 33°43'40"E
62191	12Ed. 12/27/86 LAST NM 51/87		(MCNM7975/87) 52/87
	Delete	Traffic separation scheme between	28°08'15"N 33°20'00"E 27°30'36"N 34°05'54"E
		Legends "NOTE NO 2"	27°48'50"N 33°45'30"E 27°30'10"N 34°05'45"E
		Heavy purple solid line between	27°48'10"N 33°43'35"E 27°50'00"N 33°45'40"E
	Change	Lines 4-5 of note to "2. Reserved."	28°13'15"N 33°51'00"E
	Add	Purple tint (traffic separation zone) bound by limit joining	28°07'51"N 33°21'29"E 27°54'32"N 33°38'00"E 27°49'51"N 33°43'11"E 27°42'44"N 33°50'48"E 27°30'09"N 34°05'29"E 27°31'02"N 34°06'25"E 27°43'37"N 33°50'47"E 27°50'23"N 33°43'53"E 27°55'01"N 33°38'07"E 28°08'30"N 33°22'28"E
		Purple dashed lines (outside limit of traffic lane) joining	28°07'19"N 33°20'21"E 27°53'21"N 33°37'39"E 27°49'18"N 33°42'35"E 27°41'56"N 33°49'48"E 27°29'02"N 34°04'20"E
		joining	27°33'06"N 34°08'35"E 27°44'26"N 33°51'29"E 27°51'09"N 33°44'30"E 27°56'00"N 33°38'22"E 28°09'13"N 33°23'37"E
		Open-outlined arrows indication flow of traffic oriented 310° 315° 135° 130°	27°36'22"N 34°01'50"E 27°59'10"N 33°34'00"E 27°56'45"N 33°34'30"E 27°33'10"N 34°01'20"E
		Note: The above amended traffic separation scheme has been adopted by IMO and is effective at 0000 GMT on 1 January 1988. (Supersedes 47/87P-62191)	
62191	12Ed. 12/27/86 LAST NM 52/87		(12/87 Alexandria) 53/87
	Delete	Submarine pipeline between	28°13.2'N 33°27.5'E 28°03.2'N 33°20.6'E
		(Supersedes 48/87-62191)	
	Add	Submarine pipeline joining	28°13.2'N 33°27.5'E 28°12.7'N 33°27.2'E 28°11.5'N 33°25.4'E 28°03.2'N 33°20.6'E
		(Plan B)	
	Add	Submarine pipeline between	28°03'08"N 33°20'27"E 28°06'42"N 33°22'28"E

62191	12Ed. 12/27/86 LAST NM 13/88		(21, 24-26, 29/87 Alexandria) 18/88
	Change	Light to Fl 10s 11m 7M Racon	27°34.6'N 33°55.7'E
		Height of light to 45m	28°01.8'N 33°24.6'E
		(See 45/87-62191)	
	Add	Lights Fl 10s 24m 15M	27°49'35"N 33°34'54"E
		Fl(2) 20s 28m 15M	27°57'10"N 33°30'30"E
		Fl 10s 12m 15M	28°14'44"N 33°09'40"E
62191	12Ed. 12/27/86 LAST NM 18/88		(3/88 Alexandria) 20/88
	Add	"Anch Area" bound by dashed-line circle, radius 0.5 mile, centered	28°04'24"N 33°30'12"E
		(And Plan B)	
	Delete	Anchorage area	28°04'24"N 33°22'30"E
62191	12Ed. 12/27/86 LAST NM 20/88		(14(1095)88 Taunton) 25/88
	Add	"ANCH AREA" bound by purple dashed-line circle, radius 0.5 mile, centered	27°47'08"N 33°37'30"E
		Pilot station symbol with legends	
		"LPG"	27°47'23"N 33°37'30"E
		"Oil"	27°48'54"N 33°37'18"E
62191	12Ed. 12/27/86 LAST NM 25/88		(9, 10, 14/88 Alexandria) 33/88
	Change	Characteristic of light to Fl R 10s	27°34.6'N 33°55.7'E
		(See 18/88-62191)	
	Add	"PROHIBITED AREA" bound by shoreline and purple dashed line joining	27°43.8'N 34°11.3'E
			27°43.2'N 34°11.3'E
			27°43.2'N 34°16.0'E
			27°46.5'N 34°16.0'E
			27°46.5'N 34°12.7'E
		(And Plan B)	
	Add	Danger circle "Well"	28°04'03"N 33°22'54"E
62191	12Ed. 12/27/86 LAST NM 33/88		(15/88 Alexandria) 42/88
	Add	Platform with light flare symbol	28°11.3'N 33°27.0'E
62191	12Ed. 12/27/86 LAST NM 42/88		(BA CH 2374) 45/88
	Add	Depth 31 meters	27°52.3'N 33°41.0'E
62191	12Ed. 12/27/86 LAST NM 45/88		(23, 24/88 Alexandria) 7/89
	Delete	Legends "Q" at platform	28°17.8'N 33°18.2'E
			28°14.8'N 33°15.1'E
		Legends "IQ" at platform	28°18.5'N 33°18.2'E
			28°17.2'N 33°18.4'E
			28°16.8'N 66°18.6'E
			28°15.7'N 33°15.3'E
			28°14.4'N 33°16.0'E
			28°15.9'N 33°15.2'E
			28°14.1'N 33°15.9'E
			28°15.3'N 33°14.4'E
			28°15.3'N 33°14.7'E
			28°14.3'N 33°16.8'E
			28°07.4'N 33°38.2'E
			28°02.5'N 33°36.2'E
			27°59.6'N 33°37.5'E
			28°05.3'N 33°32.3'E
			28°07.9'N 33°38.7'E
			27°56.5'N 33°45.0'E
			28°17.3'N 33°14.5'E
		Legends "IQ 5M" at platform	28°18.4'N 33°09.0'E
			27°56.3'N 33°38.6'E
			27°50.2'N 33°43.7'E
	Add	Platforms with light flare symbol	28°08.7'N 33°31.7'E
			28°10.1'N 33°27.6'E
			28°03.4'N 33°34.9'E
62191	12Ed. 12/27/86 LAST NM 7/89		(23/88 Alexandria) 11/89
	Delete	Legend "IQ" at platform	28°16.8'N 33°18.6'E
		(See 7/89-62191)	

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62191	12Ed. 12/27/86 LAST NM 11/89		(24/88 Alexandria) 13/89
	Add	Submarine pipeline between	28°03.4'N 33°34.9'E
			28°02.0'N 33°24.3'E
		(See 7/89-62191)	
62191	12Ed. 12/27/86 LAST NM 13/89		(BA CH 2374) 19/89
	Substitute	Depths 30 meters for 38 meters	27°48.9'N 33°37.1'E
		25 meters for 28 meters	28°05.0'N 33°23.4'E
	Add	Depths 26 meters	27°47.4'N 33°38.2'E
		26 meters	27°50.9'N 33°36.0'E
62191	12Ed. 12/27/86 LAST NM 19/89		(10(803)89 Taunton) 22/89
	Add	Submarine pipeline between	27°50.1'N 33°43.7'E
			27°56.5'N 33°45.0'E
62191	12Ed. 12/27/86 LAST NM 22/89		(6/89 Alexandria) 25/89
	Delete	Anchorage area centered	28°04'24"N 33°30'12"E
	Add	"Anch Area" bound by dashed-line circle, radius 0.5 mile centered	28°16'10"N 33°32'55"E
★**62193**	14Ed. 8/1/87	NEW EDITION	(DMAHTC 25(313), 27(313)87 Hamburg) 44/87
	Relocate	Buoys "Hm 17.2 West" close SW to	29°54'28.9"N 32°32'35.6"E
		"Hm 21.0 West" close S	29°54'10.2"N 32°32'36.0"E
	Change	Period of light to 3s	29°54'35"N 32°31'47"E
		Characteristic of buoys	
		"Hm 14.0 East" to Fl(2) G 6s	29°54'44"N 32°32'55"E
		(undesignated) to Fl(2) 6s	29°54'49"N 32°30'43"E
		(undesignated) to Fl(2) R 6s	29°55'02"N 32°29'23"E
		"3A" to Fl R 6s	29°53'35"N 32°29'56"E
		"Hm 24.0 East" to QG	29°54'11"N 32°32'51"E
62193	14Ed. 8/1/87 LAST NM 44/87		(46/87 Alexandria) 18/88
	Add	Light Fl 3s 42m 18M Racon	29°54'26.8"N 32°35'35.3"E
62193	14Ed. 8/1/87 LAST NM 18/88		(17(1265)88 Taunton) 31/88
	Delete	Depths 5.8 meters	29°52'35"N 32°28'51"E
		7.9 meters Wks	29°52'32"N 32°28'46"E
	Add	Land tint area bound by shoreline and dashed line joining	29°52'50.6"N 32°28'23.0"E
			29°52'57.0"N 32°28'19.7"E
			29°53'01.8"N 32°28'23.0"E
			29°52'47.0"N 32°28'57.6"E
			29°52'45.2"N 32°28'56.5"E
			29°52'59.5"N 32°28'24.0"E
			29°52'57.1"N 32°28'22.6"E
			29°52'51.5"N 32°28'25.1"E
		Dashed line between	29°52'45.2"N 32°28'56.5"E
			29°52'28.1"N 32°28'47.1"E
		Land tint area bound by shoreline and solid line joining	29°52'28.8"N 32°28'46.5"E
			29°52'28.1"N 32°28'47.1"E
			29°52'23.8"N 32°28'44.2"E
			29°52'24.8"N 32°28'42.5"E
		Legends	
		"Being dredged to 14.0m (1988)"	29°52'44.0"N 32°28'35.2"E
		"Under construction (1988)" between	29°53'01.5"N 32°28'27.7"E
			29°52'50.0"N 32°28'53.0"E
62193	14Ed. 8/1/87 LAST NM 31/88		(BA CH 3215) 14/89
	Delete	Dangerous wreck (ED)	29°53'18"N 32°30'20"E
62193	14Ed. 8/1/87 LAST NM 14/89		(13(1033)89 Taunton) 24/89
	Add	Legend "(Mast)" to dangerous wreck	29°54'03"N 32°29'54"E
★**62194**	5Ed. 8/29/87	NEW EDITION	(DMAHTC) 52/87

62194 5Ed. 8/29/87 LAST NM 52/87

Relocate	Lightfloat "Ain Sukhna North" close NW to	(38-41, 43-45/87 Alexandria) 18/88 29°35'12"N 32°32'14"E
Change	Lightfloats "SC 2" to Fl(3+3) 6s Racon "SC 1" to Mo(L) 10s Racon	 29°48'32"N 32°31'58"E 29°39'32"N 32°31'58"E
Add	Lights Fl(3) 15s 47m 18M Racon Fl 10s 47m 18M Racon Fl(4) 15s 43m 18M Racon	29°40'23"N 32°41'12"E 29°47'53"N 32°38'24"E 29°48'26"N 32°28'05"E
Add	(And Plan) Light Fl 5s 44m 22M, Oc WRG 40m 15M Racon with sectors green 260°-273°, white-298°, red-306°	 29°36'07.8"N 32°20'30.6"E

62194 5Ed. 8/29/87 LAST NM 18/88

Add	Dangerous wreck	(27(2054)88 Taunton) 37/88 29°50'14"N 32°32'16"E

62194 5Ed. 8/29/87 LAST NM 37/88

	At 2200 GMT on 30 November 1988	(38(2882)88 Taunton) 48/88
Delete	Purple dashed line joining	29°46'29"N 32°30'43"E 29°37'25"N 32°29'58"E 29°36'48"N 32°26'54"E
	Traffic separation zones centered	29°34'14"N 32°29'16"E
	between	29°37'49"N 32°32'00"E 29°35'12"N 32°32'14"E
	Open-outlined arrow	29°36'06"N 32°28'30"E
Add	Purple dashed line joining	29°46'29"N 32°30'43"E 29°37'37"N 32°29'58"E 29°37'07"N 32°26'52"E
	Purple tint (traffic separation zones) bound by limit joining	29°33'15"N 32°28'23"E 29°35'49"N 32°27'27"E 29°35'43"N 32°29'44"E 29°33'15"N 32°30'59"E
	joining	29°37'48"N 32°31'56"E 29°35'36"N 32°31'56"E 29°35'38"N 32°31'53"E 29°33'15"N 32°32'48"E 29°33'15"N 32°33'41"E 29°35'34"N 32°32'31"E 29°35'35"N 32°32'04"E 29°37'51"N 32°32'04"E
	Open-outlined arrow indicating flow of traffic oriented 266°	29°36'34"N 32°28'23"E
Delete	(Plan) Purple dashed line between	29°36'49"N 32°26'52"E 29°37'00"N 32°27'51"E
	Traffic separation zone centered	29°35'00"N 32°27'54"E
	Open-outlined arrow	29°36'00"N 32°27'36"E
Add	Purple tint (traffic separation zone) bound by limit joining	29°34'22"N 32°28'00"E 29°35'49"N 32°27'27"E 29°35'46"N 32°28'00"E
	Open-outlined arrow indicating flow of traffic oriented 267°	29°36'26"N 32°27'34"E

62194 5Ed. 8/29/87 LAST NM 48/88

Change	Characteristic of lightfloats "SC 2" to Iso 6s "SC 1" to L Fl 10s (See 18/88-62194)	(18/88 Alexandria) 49/88 29°48'32"N 32°31'58"E 29°39'32"N 32°31'58"E

62194 5Ed. 8/29/87 LAST NM 49/88

Delete	Dangerous wreck (ED)	(BA CH 3215) 14/89 29°53'18"N 32°30'20"E

(Continued on next page)

62194	(Continued)			14/89
	Add	"ANCHORING AND FISHING PROHIBITED (CABLES)" area bound by shore and purple composite line joining		29°49'24"N 32°29'08"E 29°37'14"N 32°29'08"E 29°37'26"N 32°29'57"E 29°49'24"N 32°31'38"E 29°50'34"N 32°29'57"E
62194	5Ed. 8/29/87 LAST	NM 14/89		(4/89 Alexandria) 25/89
	Change	Lightfloat to "Conry Rock" YBY, double cone topmark points together, Q(9) 15s		29°48.2'N 32°34.1'E
★62195	4Ed. 8/29/87	NEW EDITION		(DMAHTC) 47/87
62195	4Ed. 8/29/87 LAST	NM 47/87		(40(3028)87 Taunton) 48/87
	Add	Submarine pipeline between		28°13'14"N 33°27'30"E 28°07'00"N 33°23'40"E
62195	4Ed. 8/29/87 LAST	NM 48/87		(48(3644)87 Taunton) 4/88
	Add	Depth 12.6 meters "Kep (1987)"		28°55'05"N 33°09'07"E
		Position circle "Mast" (PA)		29°19'30"N 32°35'25"E
62195	4Ed. 8/29/87 LAST	NM 4/88		(12/87 Alexandria) 13/88
	Delete	Submarine pipeline between		28°13'14"N 33°27'30"E 28°07'00"N 33°23'40"E
		(Supersedes 48/87-62195)		
	Add	Submarine pipeline joining		28°13'14"N 33°27'30"E 28°12'42"N 33°27'12"E 28°11'45"N 33°25'30"E 28°07'40"N 33°22'54"E
62195	4Ed. 8/29/87 LAST	NM 13/88		(29, 31, 34, 36-38/87 Alexandria) 18/88
	Delete	Lights		28°43.9'N 32°49.7'E 28°29.0'N 33°00.0'E
	Relocate	Lightfloats close NW to		29°35'15"N 32°32'16"E
		close SW		29°29'00"N 32°35'40"E
		and change to Fl(2) 10s		
	Change	Visibility (range) of light to 19M		29°22.7'N 32°33.8'E
		Height of light to 85m		27°08.1'N 33°16.6'E
	Add	Lights Fl(3) 20s 22m 15M Racon		28°43'20"N 32°49'15"E
		Fl 10s 12m 15M		28°14'50"N 33°09'37"E
		Fl 5s 11m 15M		28°30'58"N 32°57'38"E
62195	4Ed. 8/29/87 LAST	NM 18/88		(2/88 Alexandria) 20/88
	Add	Platform with light flare symbol		28°45'55"N 32°55'10"E
62195	4Ed. 8/29/87 LAST	NM 20/88		(37/87 Alexandria) 24/88
	Relocate	Lightfloat close SE to		29°29'00"N 32°35'40"E
		and change characteristic to Fl(2) 10s		
		(See 18/88-62195)		
	Change	Height of light to 85m		28°08.1'N 33°16.6'E
		(See 18/88-62195)		
62195	4Ed. 8/29/87 LAST	NM 24/88		(6/88, NW71/88 Alexandria) 30/88
	Add	Platform		28°49'20"N 32°55'00"E
		Purple tint (extension of traffic separation zone) bound by limit joining		28°55'08"N 32°52'14"E 28°49'05"N 32°54'30"E 28°48'22"N 32°55'35"E
62195	4Ed. 8/29/87 LAST	NM 30/88		(8/88 Alexandria) 33/88
	Add	Dangerous wreck		28°31'45"N 33°01'20"E
62195	4Ed. 8/29/87 LAST	NM 33/88		(27(2053)88 Taunton) 37/88
		(Plan B)		
	Add	Dangerous wreck		28°19'25.8"N 33°07'00.0"E
62195	4Ed. 8/29/87 LAST	NM 37/88		(15/88 Alexandria) 42/88
	Add	Platform with light flare symbol		28°11.4'N 33°27.0'E

62195 4Ed. 8/29/87 LAST NM 42/88

At 2200 GMT on 30 November 1988

Delete — Purple dashed lines between — (38(2882)88 Taunton) 48/88

29°37.0'N 32°27.9'E
29°36.7'N 32°26.8'E

between

29°30.0'N 32°29.5'E
29°27.0'N 32°34.3'E

Traffic separation zones centered

29°33.5'N 32°29.5'E

between

29°37.0'N 32°32.1'E
29°24.8'N 32°37.5'E

Open-outlined arrows

29°30.2'N 32°30.5'E
29°36.0'N 32°33.5'E

Relocate — Open-outlined arrows indicating flow of traffic close NW to close NW

29°30'43"N 32°30'45"E
29°30'43"N 32°33'15"E

Note: Orientation of arrows unchanged

Add — Purple dashed line (outside limit of traffic lane) joining

29°30'32"N 32°29'19"E
29°27'37"N 32°33'53"E
29°27'40"N 32°34'18"E

Purple tint (traffic separation zones) bound by limit joining

29°37'00"N 32°31'57"E
29°35'37"N 32°31'57"E
29°35'38"N 32°31'35"E
29°29'32"N 32°34'41"E
29°29'17"N 32°35'12"E
29°25'37"N 32°37'02"E
29°25'51"N 32°36'38"E
29°25'12"N 32°37'00"E
29°24'35"N 32°38'00"E
29°25'08"N 32°37'48"E
29°25'15"N 32°37'30"E
29°29'02"N 32°35'42"E
29°28'50"N 32°36'05"E
29°35'35"N 32°32'35"E
29°35'36"N 32°32'12"E
29°37'00"N 32°32'10"E

joining

29°32'17"N 32°28'47"E
29°30'37"N 32°32'23"E
29°35'43"N 32°29'44"E
29°35'49"N 32°27'27"E

Open-outlined arrows indicating flow of traffic oriented 124° 270°

29°30'43"N 32°30'25"E
29°36'30"N 32°28'30"E

62195 4Ed. 8/29/87 LAST NM 48/88

Change — Characteristic of lightfloat to L Fl 10s (See 24/88-62195)

(16/88 Alexandria) 49/88
29°29'00"N 32°35'40"E

62195 4Ed. 8/29/87 LAST NM 49/88

Add — Dangerous wreck (PA)

(NW109/88 Alexandria) 52/88
28°38.5'N 32°59.0'E

62195 4Ed. 8/29/87 LAST NM 52/88

Delete — Legends, each at platform
"IQ 5M"
"IQ"
"IQ"

(23/88 Alexandria) 7/89

28°18.6'N 33°09.0'E
28°48.4'N 33°06.8'E
28°56.9'N 32°59.4'E

Add — Platform with light flare symbol

28°10.2'N 33°27.8'E

62195 4Ed. 8/29/87 LAST NM 7/89

(Plan B)

Relocate — Light close NE to

(BA CH 753) 13/89

28°21'07.2"N 33°06'39.5"E

Add — Dangerous wreck (Mast)

28°20'34.0"N 33°06'54.5"E
28°20'48.0"N 33°06'48.0"E

62195 4Ed. 8/29/87 LAST NM 13/89

Delete — Depths 40 meters 29 meters

(5(402)89 Taunton, BA CH 3215) 14/89
28°43.9'N 32°55.2'E
28°41.8'N 32°55.9'E

(Continued on next page)

62195	(Continued)		14/89
	Add	Depths 32 meters	28°43.9'N 32°55.0'E
		25 meters	28°41.7'N 32°56.3'E
		59 meters Well	29°25.5'N 32°37.5'E
62195	4Ed. 8/29/87 LAST NM 14/89		(2/89 Alexandria) 22/89
	Add	Light flare symbol to platform (See 30/88-62195)	28°49'20"N 32°55'00"E
		Submarine pipelines joining	28°44'37"N 32°49'15"E
			28°47'20"N 32°52'22"E
			28°45'55"N 32°55'10"E
		joining	28°44'52"N 32°49'34"E
			28°45'10"N 32°52'40"E
			28°45'55"N 32°55'10"E
★**62220**	5Ed. 11/24/84	NEW EDITION	(DMAHTC) 6/85
62220	5Ed. 11/24/84 LAST NM 6/85		(44(4391)84 Hamburg; 50(3313)84 Taunton) 34/85
		(Plan)	
	Delete	Buoy	29°28'08"N 34°58'27"E
	Add	Land tint to area bourd by shore and solid line joining	29°28'09"N 34°58'32"E
			29°28'10"N 34°58'26"E
			29°28'34"N 34°58'34"E
			29°28'32"N 34°58'45"E
		Legend "Container and Ro-Ro Terminal"	29°28'24"N 34°58'18"E
62220	5Ed. 11/24/84 LAST NM 34/85		(4/85 Alexandria) 12/86
	Add	Radar station with legend "SALAM"	28°04.3'N 34°25.3'E
62220	5Ed. 11/24/84 LAST NM 12/86		(7/86 Alexandria) 29/86
	Add	Depth 72 meters Wk	28°56'N 34°39'E
62220	5Ed. 11/24/84 LAST NM 29/86		(47(3437)86 Taunton; BA CH 3595) 10/87
	Add	Pilot station symbols with legends "Yarmouk"	29°27.3'N 34°57.4'E
		"Container Terminal"	29°27.9'N 34°57.7'E
		(Plan)	
	Delete	Land tint area bound by shore and solid line joining	29°28'09"N 34°58'32"E
			29°28'10"N 34°58'26"E
			29°28'34"N 34°58'34"E
			29°28'32"N 34°58'45"E
		Legend "Container and Ro-Ro Terminal"	29°28'24"N 34°58'18"E
	Add	Light Fl(1 + 3 + 6) R	29°32'54"N 34°57'36"E
		Pilot station symbols with legends "Aqaba"	29°29'48"N 34°58'14"E
		"Freighters"	29°31'13"N 34°56'23"E
		"Tankers"	29°29'33"N 34°55'03"E
		Land tint to areas bound by shore and solid lines joining	29°28'49"N 34°58'51"E
			29°28'49"N 34°58'49"E
			29°28'44"N 34°58'48"E
			29°28'43"N 34°58'49"E
		joining	29°28'18"N 34°58'36"E
			29°28'18"N 34°58'34"E
			29°28'19"N 34°58'33"E
			29°28'20"N 34°58'32"E
			29°28'17"N 34°58'32"E
			29°28'18"N 34°58'30"E
			29°28'01"N 34°58'27"E
			29°28'00"N 34°58'32"E
		Berth designations "1"	29°28'06"N 34°58'30"E
		"2"	29°28'13"N 34°58'32"E

(continued on next page)

62220	(Continued)			10/87
	Add	Legends "Container Terminal"		29°28'10"N 34°58'37"E
		"Ro-Ro Terminal"		29°28'16"N 34°58'36"E
		"Moutah Floating Berth"		29°28'49"N 34°58'41"E
		"Moutah"		29°28'49"N 34°59'13"E
		"Dredged to 15m (1984)"		
		between		29°28'00"N 34°58'25"E
				29°28'20"N 34°58'30"E
62220	5Ed. 11/24/84 LAST	NM 10/87		(BA CH 3595) 14/87
		(Plan)		
	Add	Position circles "Dol"		29°28'21"N 34°58'34"E
				29°28'23"N 34°58'34"E
		Solid line (shore line) joining		29°28'19"N 34°58'33"E
				29°28'18"N 34°58'34"E
				29°28'18"N 34°58'36"E
				29°28'23"N 34°58'35"E
		and delete land tint area seaward of above line (See 10/87-62220)		
62220	5Ed. 11/24/84 LAST	NM 14/87		(10(761)87 Taunton) 19/87
		(Plan)		
	Add	Legend "(PA)"		29°28'46"N 34°58'53"E
		(See 10/87-62220)		
62220	5Ed. 11/24/84 LAST	NM 19/87		(BA CH 3595) 28/87
		(Plan)		
	Delete	Lights		29°31.7'N 34°59.9'E
				29°30.7'N 34°59.6'E
				29°30.4'N 34°59.5'E
		Dashed lines joining		29°32.8'N 34°57.3'E
				29°32.9'N 34°57.3'E
				29°32.5'N 34°58.6'E
				29°31.7'N 34°58.5'E
				29°32.5'N 34°57.2'E
		between		29°31.2'N 34°59.2'E
				29°30.9'N 34°58.8'E
		between		29°31.5'N 34°58.9'E
				29°31.8'N 34°58.5'E
		between		29°31.8'N 34°59.4'E
				29°32.2'N 34°58.7'E
		Depths 9.8 meters		29°32.1'N 34°57.5'E
		5 meters		29°32.2'N 34°57.4'E
	Add	Dashed line (harbor limit extension) between		29°32'00"N 34°57'57"E
				29°32'32"N 34°58'42"E
		Anchoring berths "1"		29°32'38"N 34°57'21"E
		"2"		29°32'31"N 34°57'38"E
		"3"		29°32'23"N 34°57'59"E
		"4"		29°32'17"N 34°58'19"E
		"5"		29°32'24"N 34°57'20"E
		"6"		29°32'13"N 34°57'41"E
		"7"		29°32'05"N 34°58'04"E
		"8"		29°31'59"N 34°58'20"E
		"9"		29°32'15"N 34°56'59"E
		"10"		29°32'02"N 34°57'17"E
		"11"		29°31'51"N 34°57'39"E
		"12"		29°31'43"N 34°58'06"E
62220	5Ed. 11/24/84 LAST	NM 28/87		(BA RA) 31/88
		(Plan)		
	Delete	R Bn (AERO)		29°30.1'N 34°55.0'E
62220	5Ed. 11/24/84 LAST	NM 31/88		(40(299)88 Taunton) 52/88
	Add	R Bn (AERO)		29°03.0'N 34°39.8'E
*62222	2Ed. 5/25/85	NEW EDITION		(DMAHTC) 33/85

62222	2Ed. 5/25/85 LAST NM 33/85		(4/85 Alexandria) 12/86
	Add	Radar station with legend "SALAM"	28°04'48"N 34°25'15"E
★**62230**	1Ed. 8/27/83	NEW CHART	(DMAHTC: 11(42)83 Brest: 30(1958)83 Taunton) 45/83
	Delete	Stranded wreck	28°00.8'N 34°28.5'E
	Add	Depth 48 meters "Rep (1983)"	27°42.6'N 33°53.0'E
62230	1Ed. 8/27/83 LAST NM 45/83		(NVS7016/83) 49/83
	Add	Legend "Traffic Separation Scheme temporarily discontinued." between	27°27.0'N 34°06.0'E 27°36.0'N 34°13.0'E
62230	1Ed. 8/27/83 LAST NM 49/83		(36(2361)84 Taunton) 43/84
	Add	Dangerous submerged rock with legend "Reef (rep 1984)"	23°33.5'N 36°20.0'E
62230	1Ed. 8/27/83 LAST NM 43/84		(44(2875)84 Taunton) 50/84
	Add	Depth 42 meters	27°42.5'N 33°53.6'E
		84 meters	27°41.5'N 33°55.0'E
62230	1Ed. 8/27/83 LAST NM 50/84		(NW 103/84 Alexandria) 12/85
	Change	Characteristic of light to Fl 2½s	27°27.0'N 34°02.2'E
62230	1Ed. 8/27/83 LAST NM 12/85		(16(1062)85 Taunton) 26/85
	Add	Depth 14.6 meters "Rep (1984)" (PA)	25°32.9'N 35°31.7'E
62230	1Ed. 8/27/83 LAST NM 26/85		(4/85 Alexandria) 12/86
	Add	Radar station with legend "SALAM"	28°04.2'N 34°25.3'E
62230	1Ed. 8/27/83 LAST NM 12/86		(BA CH 2375: 6/86 Alexandria) 29/86
	Change	Characteristic of light to Fl 4s	27°27.0'N 34°02.2'E
	Add	Stranded wreck (PA)	27°30.4'N 34°00.4'E
		Wreck	26°15.0'N 34°28.1'E
62230	1Ed. 8/27/83 LAST NM 29/86		(49(3599)86 Taunton) 9/87
	Add	Depth 574 meters	23°50.1'N 36°49.5'E
62230	1Ed. 8/27/83 LAST NM 9/87		(35(2654)87 Taunton) 45/87
	Delete	Bn	27°21.7'N 33°54.5'E
	Change	Light to Fl(2) 20s 22M Racon	27°27.0'N 34°02.0'E
	Add	Lights Fl(3) 20s 22M Racon	27°50.9'N 34°18.6'E
		Fl 10s 22M Racon	27°47.4'N 34°05.6'E
		Fl(9) 15s 15M Racon	27°46.4'N 33°53.0'E
		Fl(3) 15M Racon	27°21.2'N 33°54.5'E
P 62230	1Ed. 8/27/83 LAST NM 45/87 (Prelim'y)		(MCNM7975/87) 47/87
		At 0000 GMT on 1 January 1988	
	Delete	Traffic separation scheme centered	27°37.5'N 33°58.0'E
		Legend "Traffic Separation Scheme temporarily discontinued" centered	27°31.5'N 34°09.5'E
	Add	Purple tint (traffic separation zone) bound by limit joining	27°41.8'N 33°52.0'E
			27°30.1'N 34°05.5'E
			27°31.0'N 34°06.4'E
			27°42.6'N 33°52.0'E
		Purple dashed lines (outside limit of traffic lane) between	27°39.0'N 33°52.0'E
			27°29.0'N 34°04.3'E
		between	27°43.9'N 33°52.0'E
			27°33.1'N 34°08.6'E
		Open-outlined arrows indicating flow of traffic oriented 310°	27°34.0'N 34°04.8'E
		130°	27°34.8'N 33°59.0'E
62230	1Ed. 8/27/83 LAST NM 47/87		(MCNM7975/87) 52/87
	Delete	Traffic separation scheme centered	27°37.5'N 33°58.0'E
		Legend "Traffic Separation Scheme temporarily discontinued" centered	27°31.5'N 34°09.5'E

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62230	(Continued) Add	Purple tint (traffic separation zone) bound by limit joining	52/87 27°41.8'N 33°52.0'E 27°30.1'N 34°05.5'E 27°31.0'N 34°06.4'E 27°42.6'N 33°52.0'E
		Purple dashed lines (outside limit of traffic lane) between	27°39.0'N 33°52.0'E 27°29.0'N 34°04.3'E
		between	27°43.9'N 33°52.0'E 27°33.1'N 34°08.6'E
		Open-outlined arrows indicating flow of traffic oriented 310° 130°	27°34.0'N 34°04.8'E 27°34.8'N 33°59.0'E
		Note: The above amended traffic separation scheme has been adopted by IMO and is effective at 0000 GMT on 1 January 1988.	
		Note "NOTE The Traffic Separation Scheme(s) on this chart are IMO approved." (Supersedes 47/87P-62230)	27°50.0'N 36°13.0'E
62230	1Ed. 8/27/83 LAST Delete	NM 52/87 Depth 14.6 meters "Rep (1984)" (PA)	(46(3480)87 Taunton) 3/88 25°32.9'N 35°31.7'E
62230	1Ed. 8/27/83 LAST Add	NM 3/88 Light Fl 7M Racon	(21/87 Alexandria) 18/88 27°34.5'N 33°55.8'E
62230	1Ed. 8/27/83 LAST Add	NM 18/88 Light Fl 12s 12M Racon Legend "Works in progress (1988)"	(14(1086)88 Taunton) 25/88 27°39.7'N 35°16.5'E 27°34.7'N 35°34.2'E
		Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s	27°35.8'N 35°24.3'E
62230	1Ed. 8/27/83 LAST Delete	NM 25/88 Purple dashed line and legend "PROHIBITED AREA" between	(BA CH 2375, 9/88 Alexandria) 33/88 27°45.1'N 34°16.5'E 27°57.8'N 34°25.7'E
	Change	Light to Fl R 7M (See 18/88-62230)	27°34.5'N 33°55.8'E
62230	1Ed. 8/27/83 LAST Add	NM 33/88 Depth 24 meters	(42(3137)88 Taunton) 53/88 27°49.7'N 34°58.6'E
*62241	7Ed. 9/13/86 Change	NEW EDITION Designation of buoy "JORC-C" to "JORC-3"	(DMAHTC) 48/86 21°24'24"N 39°07'14"E
62241	7Ed. 9/13/86 LAST Delete	NM 48/86 Purple dashed line joining	(SPA A165/86) 10/87 21°29'02"N 39°07'30"E 21°29'02"N 39°07'22"E 21°29'00"N 39°07'23"E
	Add	Purple dashed line joining	21°29'02"N 39°07'31"E 21°28'59"N 39°07'31"E 21°28'59"N 39°07'23"E
		Purple composite line joining	21°31'28"N 39°06'27"E 21°29'00"N 39°06'24"E 21°29'00"N 39°07'30"E 21°31'28"N 39°07'49"E
		Legend "PROHIBITED AREA"	21°30'22"N 39°07'05"E
62241	7Ed. 9/13/86 LAST Delete	NM 10/87 Buoy	(9(671)87 Taunton) 17/87 21°28.1'N 39°09.2'E
62241	7Ed. 9/13/86 LAST Change	NM 17/87 Period of light to 3s	(BA LL) 4/88 21°28.0'N 39°07.9'E

SUBREGION

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62241	7Ed. 9/13/86 LAST NM 4/88		(53(30)87 Brest) 24/88
	Delete	Dashed line joining	21°28'54"N 39°09'43"E
			21°28'54"N 39°09'41"E
			21°28'50"N 38°09'42"E
			21°28'47"N 39°09'29"E
			21°28'43"N 39°09'28"E
		Legends "Dredged to 11m (1980)"	21°28'39"N 39°09'37"E
		"Under Construction"	21°28'33"N 39°09'23"E
	Substitute	Solid line for dashed line joining	21°28'45"N 39°09'28"E
			21°28'32"N 39°09'30"E
			21°28'09"N 39°09'14"E
			21°28'08"N 39°09'10"E
			21°28'12"N 39°09'09"E
	Change	Legends to "Dredged to 13.5m (1980)"	21°27'28"N 39°09'20"E
		"Dredged to 11m (1980)"	21°27'30"N 39°09'50"E
	Add	Depths 13 meters	21°28'39.2"N 39°09'32.0"E
		10.5 meters	21°28'44.8"N 39°09'41.5"E
		Berth designations "44"	21°28'52.2"N 39°09'42.1"E
		"45"	21°28'54.1"N 39°09'35.2"E
		"46"	21°28'50.9"N 39°09'28.8"E
		"47"	21°28'45.5"N 39°09'29.5"E
		"48"	21°28'38.5"N 39°09'30.8"E
		"49"	21°28'33.2"N 39°09'31.3"E
		"50"	21°28'25.8"N 39°09'28.1"E
		"51"	21°28'21.5"N 39°09'25.3"E
		"52"	21°28'17.5"N 39°09'23.0"E
		"53"	21°28'13.0"N 39°09'19.6"E
62241	7Ed. 9/13/86 LAST NM 24/88		(A185/88 SPA) 25/88
	Delete	Dashed line joining	21°23'14"N 39°05'00"E
			21°23'14"N 39°05'53"E
			21°23'49"N 39°05'59"E
			21°24'40"N 39°05'00"E
	Add	Dashed lines joining	21°22'30"N 39°06'00"E
			21°23'48"N 39°06'00"E
			21°24'45"N 39°05'00"E
		between	21°23'30"N 39°06'00"E
			21°23'30"N 39°05'00"E
		Legend "ANCHORAGE PROHIBITED"	21°23'00"N 39°05'30"E
62241	7Ed. 9/13/86 LAST NM 25/88		(MCNM8153/88) 43/88
	Delete	Shoal area centered	21°27'43"N 39°07'00"E
62241	7Ed. 9/13/86 LAST NM 43/88		(BA CH 2599) 47/88
	Delete	Dangerous wreck	21°27'40"N 39°07'02"E
	Relocate	Buoy close NW to and change characteristic to QG	21°27'42"N 39°07'04"E
	Change	Characteristic of buoy to QR	21°28'13"N 39°07'09"E
		Buoy to BYB, pillar, double cone topmark bases together, VQ(3)	21°27'30"N 39°07'35"E
	Add	Dangerous wreck	21°27'41"N 39°07'03"E
62241	7Ed. 9/13/86 LAST NM 47/88		(40(2958)88 Taunton) 52/88
	Delete	Berth designations "1"	21°28'13"N 39°09'31"E
		and 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53 between	21°28'22"N 39°09'48"E
			21°28'13"N 39°09'20"E
		Dashed lines joining	21°28'41"N 39°09'46"E
			21°28'18"N 39°09'33"E
			21°28'12"N 39°09'34"E
		between	21°28'03"N 39°09'16"E
			21°27'45"N 39°09'55"E

(continued on next page)

62241 (Continued) 52/88

Delete	Legends "Dredged to 8m (1980)"	21°28′22″N 39°09′41″E
	"Dredged to 12m (1980)"	21°27′56″N 39°09′35″E
	(See 24/88-62241)	
Change	Berth designations "2" to "21"	21°28′08″N 39°09′27″E
	"3" to "22"	21°28′03″N 39°09′33″E
	"4" to "23"	21°28′01″N 39°09′39″E
	"5" to "24"	21°28′00″N 39°09′44″E
	"6" to "25"	21°27′58″N 39°09′50″E
	"7" to "26"	21°27′55″N 39°09′52″E
	"8" to "27"	21°27′50″N 39°09′54″E
	"9" to "28"	21°27′43″N 39°09′55″E
	"10" to "29"	21°27′38″N 39°09′56″E
	"11" to "30"	21°27′33″N 39°09′57″E
	"12" to "31"	21°27′27″N 39°09′58″E
	"13" to "32"	21°27′21″N 39°09′58″E
	"14" to "33"	21°27′15″N 39°10′00″E
	"15" to "34"	21°27′09″N 39°10′01″E
	"16" to "35"	21°27′05″N 39°10′02″E
	"17" to "36"	21°26′58″N 39°10′03″E
	"18" to "37"	21°26′54″N 39°10′02″E
	"19" to "38"	21°26′52″N 39°09′52″E
	"20" to "39"	21°26′58″N 39°09′49″E
	"21" to "40"	21°27′04″N 39°09′48″E
	"22" to "41"	21°27′10″N 39°09′47″E
	"23" to "42"	21°27′15″N 39°09′45″E
	"24" to "43"	21°27′21″N 39°09′44″E
	"25" to "44"	21°27′26″N 39°09′44″E
	"26" to "45"	21°27′32″N 39°09′43″E
	"27" to "46"	21°27′37″N 39°09′42″E
	"28" to "47"	21°27′42″N 39°09′41″E
	"29" to "48"	21°27′48″N 39°09′36″E
	"30" to "49"	21°27′50″N 39°09′28″E
	"31" to "50"	21°27′45″N 39°09′24″E
	"32" to "51"	21°27′38″N 39°09′23″E
	"33" to "52"	21°27′31″N 39°09′24″E
	"34" to "53"	21°27′23″N 39°09′27″E
	"35" to "54"	21°27′15″N 39°09′28″E
	"36" to "55"	21°27′07″N 39°09′29″E
	"37" to "56"	21°26′59″N 39°09′30″E
Add	Legend "Dredged to 11m (1980)"	21°28′33.0″N 39°09′38.0″E
	Dashed line between	21°27′57.1″N 39°09′28.8″E
		21°27′59.2″N 39°09′29.5″E
	Berth designations "1"	21°28′13.0″N 39°09′20.0″E
	"2"	21°28′20.0″N 39°09′24.0″E
	"3"	21°28′24.0″N 39°09′27.0″E
	"4"	21°28′34.0″N 39°09′31.0″E
	"5"	21°28′40.0″N 39°09′30.0″E
	"6"	21°28′48.0″N 39°09′29.0″E
	"7"	21°28′53.0″N 39°09′30.0″E
	"8"	21°28′55.0″N 39°09′39.0″E
	"9"	21°28′50.0″N 39°09′43.0″E
	"10"	21°28′45.0″N 39°09′46.0″E
	"11"	21°28′38.0″N 39°09′45.0″E
	"12"	21°28′34.0″N 39°09′46.0″E
	"13"	21°28′27.0″N 39°09′47.0″E
	"14"	21°28′22.0″N 39°09′48.0″E
	"15"	21°28′15.0″N 39°09′43.4″E
	"16"	21°28′14.2″N 39°09′41.0″E
	"17"	21°28′14.0″N 39°09′38.0″E
	"18"	21°28′13.5″N 39°09′35.5″E
	"19"	21°28′13.0″N 39°09′32.5″E
	"20"	21°28′12.1″N 39°09′29.0″E
	"57"	21°26′54.0″N 39°09′29.0″E
	"58"	21°26′52.0″N 39°09′20.0″E
	Dangerous submerged rock	21°28′00.5″N 39°08′57.8″E
	Legends "14.0m (1986)"	21°28′54.0″N 39°09′35.0″E
	"8.0m (1986)"	21°28′47.0″N 39°09′44.0″E
	"8.0m (1986)"	21°28′30.0″N 39°09′47.0″E
	"8.0m (1986)"	21°28′16.0″N 39°09′36.0″E
	"14.0m (1986)"	21°28′17.0″N 39°09′21.0″E
	"14.0m (1986)"	21°28′43.0″N 39°09′29.0″E

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62241	7Ed. 9/13/86 LAST NM 52/88		(48(3575)88 Taunton) 4/89
	Delete	Depths 10.1 meters	21°26'25"N 39°09'30"E
		8 meters	21°26'13"N 39°09'27"E
		Buoys	21°23'26"N 39°06'20"E
			21°23'00"N 39°06'32"E
62241	7Ed. 9/13/86 LAST NM 4/89		
	Delete	Berth designation "10" (See 52/88-62241)	(40(2958)88 Taunton) 6/89 21°28'45"N 39°09'46"E
	Add	Berth designation "10"	21°28'45"N 39°09'44"E
★**62242**	8Ed. 9/13/86	NEW EDITION	(DMAHTC; 28(2017), 34(2454)86 Taunton) 48/86
	Substitute	Dangerous wreck for wreck	21°20.1'N 39°01.9'E
	Add	Depth 9.1 meters	21°23'06"N 39°07'05"E
		Legend "Wk" to depth 4.9 meters	21°28'37"N 39°07'29"E
		Dangerous wreck	21°24'46"N 39°08'45"E
62242	8Ed. 9/13/86 LAST NM 48/86		
	Delete	Purple dashed line joining	(SPA A165/86) 10/87 21°29.0'N 39°07.5'E
			21°29.0'N 39°07.4'E
			21°28.9'N 39°07.4'E
	Relocate	Legend "EXPLOS ANCH" close S to	21°28.7'N 39°07.6'E
	Add	Purple composite line joining	21°29.0'N 39°07.5'E
			21°29.0'N 39°06.4'E
			21°31.6'N 39°06.4'E
			21°31.6'N 39°07.9'E
		Legend "PROHIBITED AREA"	21°30.3'N 39°07.2'E
62242	8Ed. 9/13/86 LAST NM 10/87		
	Substitute	Depth 5.2 meters for 8.5 meters	(34(2586)87 Taunton) 44/87 21°28.4'N 39°04.3'E
62242	8Ed. 9/13/86 LAST NM 44/87		
	Change	Period of light to 3s	(BA LL) 4/88 21°28.1'N 39°07.9'E
62242	8Ed. 9/13/86 LAST NM 4/88		
	Add	Dangerous submerged rock	(53(30)87 Brest) 24/88 21°13'00"N 39°02'22"E
62242	8Ed. 9/13/86 LAST NM 24/88		
	Delete	Tanker Anchorage area E centered	(A185/88 SPA; 13(1033, 1034)88 Taunton) 25/88 21°23.8'N 39°05.1'E
	Add	Rock awash (ED)	21°40'56"N 39°04'11"E
		"ANCHORAGE PROHIBITED" area bound by dashed line joining	21°23'30"N 39°04'00"E
			21°23'30"N 39°06'00"E
			21°22'00"N 39°06'00"E
			21°22'00"N 39°03'21"E
		"TANKER ANCHORAGE E" area bound by dashed line joining	21°23'30"N 39°04'15"E
			21°24'45"N 39°05'00"E
			21°23'48"N 39°06'00"E
			21°23'30"N 39°06'00"E
		Legend "CAUTION NO 4"	21°24'00"N 38°51'00"E
		Caution No 4 to caution note "4. Two extensive reefs have been reported to exist between 21°21.7'N. 38°48.0'E. and 21°26.0'N. 38°57.4'E. Although these have not been disproved, their existence is considered to be doubtful. Nevertheless, mariners should proceed with particular caution in this area."	21°36'00"N 39°11'00"E
62242	8Ed. 9/13/86 LAST NM 25/88		
	Add	Stranded wreck	(36(2709)88 Taunton) 46/88 21°11'40"N 39°03'36"E
62242	8Ed. 9/13/86 LAST NM 46/88		
	Substitute	Depth 38 meters for 69 meters	(BA CH 2599) 47/88 21°22.2'N 39°03.1'E
	Change	Characteristic of buoys to QR	21°28.2'N 39°07.2'E
		QG	21°27.7'N 39°07.2'E

62242 8Ed. 9/13/86 LAST NM 47/88
Substitute — Stranded wreck for dangerous wreck — (12(958), 13(1034)89 Taunton) 24/89 — 21°20'08"N 39°01'52"E

Add — Depth 19 meters (PA) — 21°26'07"N 39°04'15"E

62242 8Ed. 9/13/86 LAST NM 24/89
Relocate — Buoy close ESE to — (SPA A195/89) 25/89 — 21°26'07"N 39°04'20"E

★62250 2Ed. 8/31/85 — NEW EDITION
Add — Purple circle at light — (DMAHTC) 49/85 — 22°44.6'N 38°37.1'E

62250 2Ed. 8/31/85 LAST NM 49/85
Add — Depths 49 meters "Rep (1977)" — (15(1106)86 Taunton) 27/86
53 meters "Rep (1977)" — 21°28.0'N 37°24.0'E
118 meters "Rep (1977)" — 21°23.0'N 37°27.0'E
21°17.5'N 37°30.0'E

62250 2Ed. 8/31/85 LAST NM 27/86
Add — R Bn — (25(1797)86 Taunton) 35/86 — 19°36.5'N 36°14.1'E

62250 2Ed. 8/31/85 LAST NM 35/86
Delete — R Bn — (25(1797)86 Taunton) 41/86 — 19°36.5'N 36°14.1'E
(Cancels 35/86-62250)

Add — R Bn — 19°36.5'N 37°14.1'E

62250 2Ed. 8/31/85 LAST NM 41/86
Add — Beacon symbols — (BA CH 3722) 48/86 — 20°54.5'N 37°16.2'E
20°53.9'N 37°16.2'E
20°54.0'N 37°17.5'E

Legend "Bns"

62250 2Ed. 8/31/85 LAST NM 48/86
Add — Pilot station symbol — (SPA A170/86) 10/87 — 23°26.6'N 38°27.2'E
Light "Yanbu South"
Fl WR 10s 32m 20/17M
Ra Ref Racon with sectors
white 200°-090°, red-140°,
obsc-200° — 23°28.1'N 38°25.5'E

Beacons, each G, cone topmark,
"S3" Fl(3) G 10s 8M — 23°31.0'N 38°29.9'E
"S7" Fl(4) G 12s 8M — 23°41.2'N 38°28.6'E

Beacon "S6", R, can topmark,
Fl(4) R 12s 12m 8M — 23°38.4'N 38°25.2'E

Buoys "S1", YBY, pillar,
double cone topmark
points together, Q(9) 15s — 23°26.3'N 38°29.2'E
"S10", BY, pillar,
double cone topmark
points upward, Q — 23°49.1'N 38°18.0'E

Legend "Buoyed Channel" between — 23°41.6'N 38°26.2'E
23°33.4'N 38°30.5'E

Note
"BUOYAGE
IALA Buoyage System (Region A) is
in effect in the area covered by this
chart. See Chart No. 1."

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62250 2Ed. 8/31/85 LAST NM 10/87
Delete — Depths 19 meters — 23°35.0'N 39°20.0'E — (3(206)87 Taunton) 15/87
30 meters — 24°02.0'N 37°52.6'E
38 meters — 24°01.4'N 37°50.1'E
13 meters — 23°57.8'N 37°55.7'E
19 meters — 23°59.1'N 38°00.5'E
25 meters — 23°51.8'N 38°06.6'E
23°45.1'N 38°25.5'E

Add — Depths 19 meters — 24°07.6'N 37°43.2'E
15 meters — 24°01.6'N 37°50.3'E
14.5 meters — 24°01.5'N 37°52.0'E
21.5 meters — 23°57.9'N 37°56.8'E
10 meters — 23°59.8'N 38°00.5'E
13.5 meters — 23°58.9'N 38°09.0'E
15.5 meters — 23°50.6'N 38°06.6'E
4.5 meters — 23°46.9'N 38°18.5'E
12 meters — 23°45.6'N 38°25.3'E

62250	2Ed. 8/31/85 LAST NM 15/87		(46(3481)87 Taunton: SPA A(82/87) 1/88
	Delete	Lights	21°28.4'N 39°11.3'E
			21°30.5'N 39°12.0'E
	Add	Dashed line (port limit) joining	24°03.5'N 38°05.5'E
			24°03.5'N 38°02.0'E
			24°07.0'N 37°53.7'E
			24°07.0'N 37°45.0'E
			24°01.5'N 37°45.0'E
			23°50.0'N 38°12.0'E
			23°25.0'N 38°20.0'E
			23°25.0'N 38°46.0'E
		Legend "KING FAHD PORT LIMIT" between	23°56.5'N 37°58.0'E
			23°50.4'N 38°12.3'E
62250	2Ed. 8/31/85 LAST NM 1/88		(UKHO(L) 1034/88 Taunton) 25/8
	Delete	Depth 30 meters	21°53.5'N 38°47.9'E
	Add	Rock awash (ED)	22°18.6'N 38°53.5'E
			21°40.9'N 39°04.4'E
		Dangerous submerged rock (ED)	21°53.2'N 38°47.4'E
			22°10.2'N 38°48.7'E
		Legend "CAUTION NO 4"	21°24.0'N 38°51.0'E
		Caution No 4 to cautions note "4. Two extensive reefs have been reported to exist between 21°21.7'N. 38°48.0'E. and 21°26.0'N. 38°4.7'E. Although these have not been disproved, their existence is considered to be doubtful. Nevertheless, mariners should proceed with particular caution in this area."	23°48.0'N 39°20.0'E
62250	2Ed. 8/31/85 LAST NM 25/88		(MCNM(148/88) 41/88
	Delete	Shoal area and blue tint centered	19°41.0'N 37°28.4'E
62250	2Ed. 8/31/85 LAST NM 41/88		(BA CH 63) 44/88
	Add	Racon (PA)	22°19.6'N 38°57.2'E
62250	2Ed. 8/31/85 LAST NM 44/88		(86(2708)88 Taunton) 46/88
	Add	Stranded wreck	21°11.7'N 39°03.6'E
62250	2Ed. 8/31/85 LAST NM 46/88		(12(2958)89 Taunton) 24/89
	Add	Stranded wreck	21°20.1'N 39°01.7'E
★62270	2Ed. 4/13/85	NEW EDITION	(DMA(HTC) 27/89
	Change	Line 2 of buoyage note to "in the Saudi Arabian area covered by this Chart. See Chart"	17°16.2'N 38°00.0'E
62270	2Ed. 4/13/85 LAST NM 27/85		(Fr CH 7022) 39/85
	Delete	Depth 42 meters	17°14'N 41°33'E
	Add	Depths 14 meters	17°10.9'N 41°21.6'E
		17.5 meters	17°13.5'N 41°25.4'E
		14.5 meters	17°07.2'N 41°25.0'E
		26 meters	17°05.4'N 41°25.9'E
		33 meters	17°13.8'N 41°32.8'E
		9 meters	17°13.0'N 41°36.1'E
		26 meters	17°10.2'N 41°54.1'E
		4.5 meters	16°56.7'N 42°06.9'E
		10.5 meters	17°13.7'N 42°-0.3'E
★62270	2Ed. 4/13/85 LAST NM 39/85		(HNNM(768/88) 7/89
	Add	Depths 790 meters (PA)	17°33.9'N 40°22.2'E
		541 meters (PA)	17°13.5'N 40°37.1'E
62270	2Ed. 4/13/85 LAST NM 7/86		(SPA 156/86; 25(1797)86 Taunton) 35/8
	Change	Characteristic of buoy "Gizan North" to Iso 8s	16°56.5'N 41°17.7'E
		Buoy "N3" to "N3", YBY, pillar, double cone topmark points together, Q(9) 15s	17°02.4'N 41°22.9'E

(continued on next page)

62270	(Continued) Change	Buoy "N4" to "N4", YB, pillar, double cone topmark points downward. Q(6) + L Fl 15s	35/86 17°05.8'N 41°24.5'E
	Add	R Bn	19°36.5'N 37°14.0'E
62270	2Ed. 4/13/85 LAST NM 35/86 Delete	Buoy "N9A"	(30/2175/86 Taunton) 37/86 17°16.0'N 41°43.8'E
	Change	Buoys to "N7", BY, pillar, double cone topmark points upward. Q	17°16.8'N 41°42.5'E
62270	2Ed. 4/13/85 LAST NM 37/86 Add	Stranded wreck	(34/2453/86 Taunton) 41/86 18°45.5'N 38°31.5'E
62270	2Ed. 4/13/85 LAST NM 41/86 Add	Depth 545 meters	(49/3599/86 Taunton) 9/87 16°57.2'N 40°54.1'E
62270	2Ed. 4/13/85 LAST NM 9/87 Substitute	Depth 10 meters for 20 meters	(BA CH 15) 27/87 16°55'35"N 41°19'30"E
	Add	Depths 9 meters "Rep (196/7)" 8 meters 10 meters 6 meters	17°04'00"N 41°27'40"E 17°12'36"N 41°20'45"E 17°13'00"N 41°17'00"E 17°13'15"N 41°13'30"E
		Dangerous submerged rock	17°12'06"N 41°32'30"E 17°12'06"N 41°33'30"E 17°11'20"N 41°33'00"E 17°05'00"N 41°31'30"E 17°05'00"N 41°33'15"E
62270	2Ed. 4/13/85 LAST NM 27/87 Delete	Shoal area and blue tint centered	(MCNM8148/88) 41/88 19°41.0'N 37°28.5'E
62270	2Ed. 4/13/85 LAST NM 41/88 Add	Depth 23 meters	(36/2708/88 Taunton) 46/88 18°56.2'N 38°09.1'E
62270	2Ed. 4/13/85 LAST NM 46/88 Add	Depths 9 meters 11 meters 12.5 meters	(39/2923/88 Taunton) 49/88 17°20.6'N 41°26.4'E 17°17.4'N 41°79.4'E 17°16.8'N 41°28.2'E
62270	2Ed. 4/13/85 LAST NM 49/88 Add	Buoys BYB, pillar, double cone topmark bases together, Q(3) 10s YBY, pillar, double cone topmark points together, Q(9) 15s	(SPA 189/88, BA CH 164) 14/89 17°05.2'N 42°08.8'E 17°32.0'N 42°01.3'E
		Depth 16 meters	17°10.3'N 39°11.3'E
62270	2Ed. 4/13/85 LAST NM 14/89 Add	Depth 7 meters	(8/626/89 Taunton) 19/89 17°22.1'N 41°19.5'E
62270	2Ed. 4/13/85 LAST NM 19/89 Add	Depth 9 meters	(SPA A191/89) 20/89 17°05.9'N 41°24.4'E
962271	5Ed. 8/27/88 Delete	NEW EDITION Light	(DMAHTC 30/2286/88 Taunton) 44/88 16°57.2'N 41°23.8'E
	Change	Legend to "Al Baghlah"	16°57.0'N 41°22.1'E
	Add	Light Fl 4s 12m 10M Bn, black Ra Ref	16°56'36"N 41°23'35"E 16°57'00"N 41°24'00"E
62271	5Ed. 8/27/88 LAST NM 44/88 Add	Depth 4.5 meters	(36/2710/88 Taunton) 46/88 16°29.8'N 42°37.3'E
62271	5Ed. 8/27/88 LAST NM 46/88 Add	Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s	(SPA 189/88) 14/89 17°05.2'N 42°08.8'E
962276	1Ed. 3/3/84 Delete Add	NEW CHART Legend "Platform" Period 9s to buoy	(DMAHTC, BA CH 15) 18/84 16°51'48"N 42°32'46"E 16°53'30"N 42°28'18"E

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62276	1Ed. 3/3/84 LAST NM 18/84		(47(3063)84 Taunton) 8/85
	Change	Legend to "Lights in line 096°30'"	16°53'10"N 42°30'30"E
62276	1Ed. 3/3/84 LAST NM 8/85		(28(2016)86 Taunton) 35/86
	Change	Lights to VQ	16°52'57"N 42°32'15"E
		Q	16°52'56"N 42°32'24"E
62276	1Ed. 3/3/84 LAST NM 35/86		(SPA A167/86) 6/87
	Add	Lights QR	16°53'04.2"N 42°31'41.5"E
		QG	16°52'58.1"N 42°31'29.5"E
62276	1Ed. 3/3/84 LAST NM 6/87		(A177/87 SPA; 29(2182)87 Taunton) 38/87
	Delete	Buoys	16°53'01"N 42°31'51"E
			16°52'53"N 42°31'59"E
	Add	Buoys "G5" G, pillar, cone topmark,	
		Fl(2) G 9s	16°53'01.8"N 42°31'06.0"E
		"G6" R, pillar, can topmark,	
		Fl(2) R 9s	16°53'07.8"N 42°31'10.2"E
		"A" Y, pillar, Fl(2) 4s	16°53'03.6"N 42°31'51.0"E
		"B" G, pillar, Fl(2) G 9s	16°52'53.4"N 42°31'50.4"E
		"C" G, pillar, Fl(2) G 9s	16°52'55.2"N 42°32'00.6"E
62276	1Ed. 3/3/84 LAST NM 38/87		(SPA A181/87) 47/87
	Change	Lights to Fl R 2s	16°52'56"N 42°32'24"E
		QR	16°52'57"N 42°32'15"E
★62285	1Ed. 8/27/83	NEW CHART	(DMAHTC) 43/83
62285	1Ed. 8/27/83 LAST NM 43/83		(22(1410)84 Taunton) 32/84
	Add	Light Fl R 3s (PA)	15°31.65'N 42°44.35'E
62285	1Ed. 8/27/83 LAST NM 32/84		(10(762)87 Taunton) 19/87
	Add	Depths 20 meters	15°59'00"N 42°11'38"E
		22 meters	15°47'45"N 42°24'47"E
62285	1Ed. 8/27/83 LAST NM 19/87		(BA CH 542) 24/87
	Add	Position circle "Tomb"	15°10'32"N 42°34'17"E
		Legend "Breaks heavily in strong south winds"	15°09'45"N 42°35'30"E
		(Plan)	
	Add	Position circle "Tomb"	15°10'16"N 42°34'17"E
62285	1Ed. 8/27/83 LAST NM 24/87		(24(321)87 Hamburg) 45/87
		(And Plan)	
	Add	Light Fl 10s 11M	15°10'30"N 42°34'12"E
62285	1Ed. 8/27/83 LAST NM 45/87		(BA SD) 50/87
		(And Plan)	
	Delete	Buoy	15°15.4'N 42°36.5'E
62285	1Ed. 8/27/83 LAST NM 50/87		(49(3701)87 Taunton) 4/88
	Substitute	Light Fl 8s 14M for position circle	15°00'58"N 42°09'48"E
62285	1Ed. 8/27/83 LAST NM 4/88		(4(319)88 Taunton) 14/88
	Add	Superbuoy TANKER	15°07'00"N 42°36'00"E
		Purple composite-line circle, radius 2 miles, centered on above superbuoy	
		Legend "Ras Isa Storage and Offloading Terminal"	15°08'00"N 42°36'00"E
		"Anchorage Area" bound by dashed line joining	15°03'00"N 42°32'00"E
			15°05'00"N 42°32'00"E
			15°05'00"N 42°36'00"E
			15°03'00"N 42°36'00"E
62285	1Ed. 8/27/83 LAST NM 14/88		(51(48)87 Brest) 16/88
		(Plan)	
	Change	Line 5 of Tidal Information block to "Kamaran Bay..1.4..1.2..0.6..0.8.."	15°12.0'N 42°38.7'E
62285	1Ed. 8/27/83 LAST NM 16/88		(13(1035)88 Taunton) 25/88
	Change	Legend to "Ras Isa Marine Terminal" (See 14/88-62285)	15°08.0'N 42°36.0'E

(continued on next page)

62285 (Continued)

Add	Submarine pipeline joining	25/88 15°11'05"N 42°37'48"E 15°08'36"N 42°36'30"E 15°07'00"N 42°36'00"E
	(See 14/88-62285)	
	Legend "Obl (see Note)" along above pipeline	15°10'00"N 42°37'06"E
	Note "PIPELINES Attention is called to the fact that in many cases pipelines are not buried and charted depths may be decreased by up to six feet. Vessels should not anchor or trawl in the vicinity of pipelines."	15°23'00"N 42°50'00"E
	(Plan)	
Add	Submarine pipeline between	15°11'02"N 42°37'48"E 15°10'12"N 42°37'22"E
	Legend "Obl (see Note)" along above pipeline	15°10'37"N 42°37'35"E

62285 1Ed. 8/27/83 LAST NM 25/88

Delete	Purple composite-line circle centered Anchorage area centered (See 14/88-62285)	(22(1685)88 Taunton) 33/88 15°07'00"N 42°36'00"E 15°04'00"N 42°34'00"E
Add	Purple composite line joining	15°11'12"N 42°39'42"E 15°03'00"N 42°37'00"E 15°03'00"N 42°32'00"E 15°05'00"N 42°32'00"E 15°05'00"N 42°32'35"E 15°10'30"N 42°34'12"E 15°10'54"N 42°38'00"E
	Legend "Restricted Area (see Note)" Pilot station symbol	15°06'15"N 42°35'15"E 15°04'00"N 42°34'00"E
	Note "RESTRICTED AREA Only vessels arriving to load at Ras Isa Marine Terminal (15°07.0'N 42°36.0'E) may enter the Restricted area. Such vessels must proceed to the anchorage and await instructions."	15°20'00"N 42°50'00"E
	(Plan)	
Add	Purple composite lines between	15°11'06"N 42°39'42"E 15°10'12"N 42°39'24"E
	joining	15°10'12"N 42°34'05"E 15°10'30"N 42°34'12"E 15°10'54"N 42°38'00"E

62285 1Ed. 8/27/83 LAST NM 33/88

Change	Lights to Fl 7s 9m 6M Fl 10s 154m 12M Fl(2) 7½s 8m 5M	(BA LL) 37/88 15°10.5'N 42°34.2'E 15°01.0'N 42°09.8'E
	(See 45/87, 4/88-62285)	15°27.3'N 42°37.6'E
	(And Plan)	
Change	Lights to Q(2) 3s 6m 5M Fl(3) 15s 40m 10M Fl 7s 9m 6M	15°18.9'N 42°40.2'E 15°17.3'N 42°34.9'E 15°10.5'N 42°34.2'E

62285 1Ed. 8/27/83 LAST NM 37/88

Change	Legend to "(breaks in bad weather)"	(BA CH 548) 14/89 15°22.2'N 42°30.0'E
Add	Depths 218 meters 240 meters 134 meters 13 meters 16 meters 9 meters	15°03.3'N 42°18.4'E 15°06.6'N 42°17.6'E 15°08.2'N 42°17.6'E 15°49.2'N 42°18.0'E 15°54.2'N 42°27.0'E 15°52.1'N 42°30.1'E
	Danger circle "Coral"	15°51.8'N 42°30.3'E

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★62288	1Ed. 6/18/83	NEW CHART	(DMAHTC) 35/83
62288	1Ed. 6/18/83 LAST NM 35/83	(Panel B)	(BA CH 1955) 27/86
	Delete	Range lights, range line and legend "Lts in line 139°00'" between	13°18.5'N 43°14.2'E 13°20.6'N 43°12.3'E
		Channel limits between	13°19'46"N 43°13'04"E 13°18'58"N 43°13'45"E
	Relocate	Buoys close W to close SW close SW	13°19'59"N 43°12'53"E 13°19'49"N 43°13'02"E 13°19'47"N 43°12'57"E
	Change	Legend to "Dredged to 7.8m (1979)"	13°19'24"N 43°13'23"E
	Add	Dashed lines (channel limit) between	13°19'49"N 43°13'02"E 13°19'01"N 43°13'46"E
		between	13°19'47"N 43°12'57"E 13°18'58"N 43°13'45"E
	Add	Range lights front VQ 9M rear Iso 2s 9M 370 meters 137° from front	13°18'38"N 43°14'05"E
		Range line extending in 317°00' direction from above rear light dashed for 1200 meters solid for 4033 meters	
		Legend "Lights in line 137°00'" along above range line	13°20'29"N 43°12'22"E
		Anchorage symbol (large vessels)	13°19'02"N 43°12'59"E
62288	1Ed. 6/18/83 LAST NM 27/86	(Plan B)	(49(3598)86 Taunton) 9/87
	Add	Depth 30 meters	13°18'12"N 43°06'15"E
★62290	2Ed. 7/6/85	NEW EDITION	(DMAHTC) 35/85
	Add	Note "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region A. For further explanation, see annual NM 1(6) and Chart No. 1."	16°10.0'N 43°18.0'E
62290	2Ed. 7/6/85 LAST NM 35/85		(Fr CH 7022) 39/85
	Delete	Depth 42 meters	17°13'N 41°33'E
	Add	Depths 14.1 meters	17°11.2'N 41°22.1'E
		17.3 meters	17°13.5'N 41°25.4'E
		14.6 meters	17°07.2'N 41°25.0'E
		26 meters	17°05.5'N 41°25.9'E
		33 meters	17°13.5'N 41°32.6'E
		9.1 meters	17°12.8'N 41°33.9'E
		26.5 meters	17°10.1'N 41°54.4'E
		4.4 meters	16°56.7'N 42°06.9'E
		10.8 meters	17°14.0'N 42°10.6'E
62290	2Ed. 7/6/85 LAST NM 39/85		(HNNM 7683/86) 7/87
	Add	Depth 541 meters (PA)	17°13.5'N 40°37.1'E
62290	2Ed. 7/6/85 LAST NM 7/86		(4(281)86 Taunton) 16/87
	Add	Depth 34 meters "Rep (1985)"	16°27.0'N 40°44.5'E
62290	2Ed. 7/6/85 LAST NM 16/86		(6(445)86 Taunton) 19/87
	Add	Depth 44 meters "Rep (1985)"	14°42.10'N 42°02.25'E
62290	2Ed. 7/6/85 LAST NM 19/86		(SPA 156/86) 35/86
	Change	Characteristic of buoy "Gizan North" to Iso 8s	16°56.6'N 41°17.7'E

(continued on next page)

62290 (Continued)
Change — Buoy "N3" to W. cardinal buoy: "N3", YBY, pillar, double cone topmark points together, Q(9) 15s — 35/86

Buoy "N4" to S. cardinal buoy: "N4", YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s — 17°02.1'N 41°23.0'E

62290 2Ed. 7/6/85 LAST NM 35/86
Delete — Buoy "N9A" — 17°06.1'N 41°24.6'E

Change — Buoy to "N7", BY, pillar, double cone topmark points upward, Q — (30(2175)86 Taunton) 37/86 17°15.6'N 41°43.5'E

62290 2Ed. 7/6/85 LAST NM 37/86
Delete — Depth 31 meters — 17°17.5'N 41°43.0'E

Add — Depths 43 meters — (49(3598, 3599)86 Taunton) 9/87 14°43.9'N 41°40.5'E
30 meters — 12°58.4'N 43°14.0'E
45 meters — 13°18.2'N 43°06.3'E
51 meters — 13°39.8'N 42°57.1'E
290 meters — 14°44.2'N 41°40.6'E
326 meters — 14°49.7'N 42°04.2'E
509 meters — 15°25.6'N 41°57.0'E
399 meters — 15°25.6'N 41°50.7'E
425 meters — 15°49.5'N 41°30.2'E
545 meters — 16°27.9'N 41°17.9'E
16°57.5'N 40°54.1'E

62290 2Ed. 7/6/85 LAST NM 9/87
Add — Depth 10 meters "Rep (1986)" — (DIFRAP 5209/86, 4(329)87 Taunton) 13/87 14°14.3'N 42°27.4'E

62290 2Ed. 7/6/85 LAST NM 13/87
Add — Depths 20.5 meters — (10(762)87 Taunton) 19/87 15°59.0'N 42°11.6'E
22 meters — 15°47.7'N 42°24.8'E
30 meters — 16°02.7'N 42°15.1'E
11.5 meters — 16°05.0'N 42°16.1'E
30 meters — 16°11.2'N 42°12.5'E

62290 2Ed. 7/6/85 LAST NM 19/87
Substitute — Depth 10 meters for 20 meters — (BA CH 15) 27/87 16°55'35"N 41°19'30"E

Add — Buoys "F3" YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s — 16°50'15"N 42°18'40"E
"F4" RW, pillar, ball topmark, Iso 4s — 16°47'30"N 42°13'00"E

Dangerous submerged rock — 17°05'00"N 41°31'30"E
17°05'00"N 41°33'15"E
16°26'30"N 42°28'15"E

(ED)

62290 2Ed. 7/6/85 LAST NM 27/87
Add — Depths 42 meters — (19(1449)87 Taunton) 29/87 15°52.0'N 41°09.4'E
44 meters — 15°32.9'N 41°23.0'E
50 meters — 15°22.3'N 41°31.9'E
45 meters — 13°46.5'N 42°57.9'E
35 meters — 13°36.8'N 43°00.0'E
30 meters — 13°28.9'N 43°01.6'E

62290 2Ed. 7/6/85 LAST NM 29/87
Add — Depths 96 meters (PA) — (24(1776)87 Taunton) 40/87 12°58.0'N 43°10.6'E
43 meters — 13°41.2'N 42°56.8'E
40 meters — 14°50.3'N 41°50.3'E
33 meters — 15°19.6'N 41°35.9'E
39 meters — 15°23.3'N 41°34.1'E

62290 2Ed. 7/6/85 LAST NM 40/87
Add — Light Fl 11M — (24(321)87 Hamburg) 45/87 15°10.5'N 42°34.2'E

62290 2Ed. 7/6/85 LAST NM 45/87
Add — Light Fl 14M — (49(3701)87 Taunton) 4/88 15°00.9'N 42°09.9'E

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62290	2Ed. 7/6/85 LAST NM 4/88		(3(237, 238)88 Taunton) 13/88
	Add	Depths 64 meters	13°05.3'N 43°08.4'E
		49 meters	13°06.9'N 43°07.5'E
		50 meters	13°11.8'N 43°04.7'E
		55 meters	15°29.5'N 41°37.1'E
62290	2Ed. 7/6/85 LAST NM 13/88		(4(319)88 Taunton) 14/88
	Add	Superbuoy TANKER	15°07.0'N 42°36.0'E
		Purple composite-line circle, radius 2 miles, centered on above superbuoy	
		"Anchorage Area" bound by dashed line joining	15°03.0'N 42°32.0'E
			15°05.0'N 42°32.0'E
			15°05.0'N 42°36.0'E
			15°03.0'N 42°36.0'E
62290	2Ed. 7/6/85 LAST NM 14/88		(15(1156)88 Taunton) 27/88
	Add	Depth 45 meters	13°34.6'N 42°37.5'E
62290	2Ed. 7/6/85 LAST NM 27/88		(22(1685)88 Taunton) 33/88
	Delete	Purple composite-line circle centered Anchorage area centered (See 14/88-62290)	15°07.0'N 42°36.0'E
			15°04.0'N 42°34.0'E
	Add	Purple composite line joining	15°11.4'N 42°39.7'E
			15°03.0'N 42°37.0'E
			15°03.0'N 42°32.0'E
			15°05.0'N 42°32.0'E
			15°05.0'N 42°32.6'E
			15°10.5'N 42°34.2'E
			15°11.2'N 42°38.0'E
		Legend "Restricted Area"	15°09.0'N 42°36.3'E
		Pilot station symbol	15°04.0'N 42°34.0'E
62290	2Ed. 7/6/85 LAST NM 33/88		(BA LL) 37/88
	Change	Visibility (range) of lights to 6M	15°10.5'N 42°34.2'E
		12M	15°00.9'N 42°09.9'E
		10M	15°17.4'N 42°35.2'E
		(See 45/87, 4/88-62290)	
62290	2Ed. 7/6/85 LAST NM 37/88		(BA LL) 47/88
		(Inset)	
	Change	Light to Fl 9M and delete red sector	15°34.7'N 39°45.7'E
62290	2Ed. 7/6/85 LAST NM 47/88		(39(2923)88 Taunton) 49/88
	Add	Depths 9.2 meters	17°20.6'N 41°26.4'E
		11.1 meters	17°17.4'N 41°29.4'E
62290	2Ed. 7/6/85 LAST NM 49/88		(5(83730)88 Taunton) 10/89
	Add	Legend "CAUTION NO 7" between	16°15.5'N 40°35.5'E
			16°06.5'N 40°43.5'E
		Caution No. 7 to cautions note "7. Mariners are advised that uncharted coral heads exist within Dahlak Bank."	16°40.0'N 43°18.0'E
62290	2Ed. 7/6/85 LAST NM 10/89		(SPA 189/88; 2(167)89 Taunton) 14/89
	Delete	Depth 29 meters	15°10.7'N 40°34.3'E
	Add	Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s	17°05.2'N 42°08.8'E
62290	2Ed. 7/6/85 LAST NM 14/89		(BA CH 453) 18/89
	Add	Depths 41 meters	13°46.5'N 42°35.5'E
		20 meters	15°11.6'N 42°03.5'E
62290	2Ed. 7/6/85 LAST NM 18/89		(8(626)89 Taunton) 19/89
	Add	Depth 7 meters	17°22.4'N 41°19.3'E
62290	2Ed. 7/6/85 LAST NM 19/89		(SPA A191/89) 20/89
	Delete	Depth 19.5 meters	17°06.0'N 41°23.9'E
	Add	Depth 9 meters	17°05.9'N 41°24.4'E
★62292	1Ed. 7/14/84	NEW CHART	(DMAHTC) 41/84

62292	1Ed. 7/14/84 LAST NM 41/84	(And Plan)		(51(3104)84 Hamburg) 46/84
	Change	Characteristic of buoy to Fl G 3s		14°57'46"N 42°51'53"E
	Add	Buoy, R, can, Fl R 6s (PA)		14°57'58"N 42°51'27"E
62292	1Ed. 7/14/84 LAST NM 46/84			(108684)85 Taunton) 18/85
	Delete	Legend "Conspic"		14°59'52.0"N 42°50'48.0"E
		(And Plan)		
	Change	Characteristic of buoys to Fl 10s		14°58'20.0"N 42°50'03.0"E
		Fl G 2s		14°57'46.0"N 42°51'53.0"E
		Buoy to R, conical, Fl (2) R 5s		14°57'50.0"N 42°51'53.0"E
	Add	Depth 6.1 meters		14°57'50.8"N 42°51'41.0"E
		Buoy, R, conical, Q(2) R 6s		14°57'54.9"N 42°51'39.9"E
		Buoy (mooring) with legend "(2 buoys)"		14°58'11.0"N 42°53'38.3"E
62292	1Ed. 7/14/84 LAST NM 18/85			(13(828)84 Taunton) 19/85
	Add	Note in upper left margin of chart "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."		
62292	1Ed. 7/14/84 LAST NM 19/85	(Plan)		(15(1683)85 Hamburg) 34/85
	Add	Legend "Under construction"		14°30'22"N 42°56'11"E
62292	1Ed. 7/14/84 LAST NM 34/85	(And Plan)		(27(585)85 Leningrad) 41/85
	Delete	Buoy		14°57'58"N 42°51'27"E
		Depth 6.3 meters		14°57'53"N 42°51'36"E
62292	1Ed. 7/14/84 LAST NM 41/85	(Plan)		(37(2684)86 Taunton) 44/86
	Add	Depth 2.8 meters		14°54'54.8"N 42°54'33.4"E
62292	1Ed. 7/14/84 LAST NM 44/86			(DA CH 542) 24/87
	Delete	Legend "Rep (1983)"		14°57.7'N 42°51.2'E
	Substitute	Lights FR for beacon		14°49'52"N 42°55'54"E
		F for beacon		14°48'52"N 42°55'46"E
	Add	Position circle "Tomb"		15°10'30"N 42°34'16"E
		Legend "Breaks heavily in strong south winds"		15°09'42"N 42°34'30"E
		(Plan)		
	Delete	Legend "Rep (1983)"		14°57.9'N 42°51.7'E
	Substitute	Light FR for beacon		14°49'51"N 42°55'56"E
	Change	Legend to "Lights in line 190°"		14°50'42"N 42°56'04"E
62292	1Ed. 7/14/84 LAST NM 24/87			(MCNM8073/88) 39/88
	Add	Light Fl 7s 9m 6M		15°10'30"N 42°34'12"E
		Superbuoy TANKER		15°07'00"N 42°36'00"E
		Legend "Ras Isa Marine Terminal"		15°08'00"N 42°36'00"E
		Submarine pipeline join.ng		15°07'00"N 42°36'00"E
				15°08'36"N 42°36'30"E
				15°11'00"N 42°37'46"E
		Legend "Oil (see Note)" along above pipeline		15°09'12"N 42°36'48"E
		Purple composite line joining		15°11'06"N 42°39'42"E
				15°03'00"N 42°37'00"E
				15°03'00"N 42°32'00"E
				15°05'00"N 42°32'00"E
				15°05'00"N 42°32'36"E
				15°10'30"N 42°34'12"E
				15°10'54"N 42°38'00"E
		Legend "Restricted Area (see Note)"		15°06'15"N 42°35'15"E
		Pilot station symbol		15°04'00"N 42°34'00"E

(Continued on next page)

62292	(Continued)		39/88
	Add	Note "PIPELINES Attention is called to the fact that in many cases pipelines are not buried and charted depths may be decreased by up to two meters. Vessels should not anchor or trawl in the vicinity of pipelines."	15°08'00"N 42°53'00"E
		Note "RESTRICTED AREA Only vessels arriving to load at Ras Isa Marine Terminal (15°07.0'N 42°36.0'E) may enter the Restricted area. Such vessels must proceed to the anchorage and await instructions."	15°06'30"N 42°53'00"E
★62292	1Ed. 7/14/84 LAST NM 39/88		(MCNM1036/89) 13/89
	Add	Caution No 4 to cautions note in upper left margin of chart "4. The approach channel was reported (1988) dredged to 9.4 meters from the fairway buoy to the port at a width of 200 meters.	
		Legend "CAUTION NO 4"	14°58'16"N 42°50'36"E
		(Plan)	
	Add	Legends "CAUTION NO 4"	14°58'05"N 42°50'39"E 14°56'11"N 42°53'18"E 14°54'25"N 42°54'22"E 14°50'54"N 42°56'10"E
★62295	1Ed. 6/4/83	NEW CHART	(DMAHTC) 32/83
62295	1Ed. 6/4/83 LAST NM 32/83		(13(828)84 Taunton; NVS6317/81) 21/84
	Change	Buoy to "Fairway", RW, spherical, Fl(2) 10s	14°58.4'N 42°50.0'E
	Add	Note "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	14°40.0'N 43°03.5'E
62295	1Ed. 6/4/83 LAST NM 21/84		(27(1721)84 Taunton) 36/84
	Add	Depth 55 meters	14°27.1'N 42°05.7'E
★62295	1Ed. 6/4/83 LAST NM 36/84		(DMAHTC) 41/84
	Delete	Purple outline of chart 62111	14°51.0'N 42°54.0'E
	Add	Purple outline of chart 62292 joining	15°13'00"N 42°32'00"E 14°43'10"N 42°32'00"E 14°43'10"N 42°56'50"E
62295	1Ed. 6/4/83 LAST NM 41/84		(4(255)85 Taunton) 11/85
	Add	Depth 107 meters "Rep (1984)"	14°56'05"N 42°19'49"E
62295	1Ed. 6/4/83 LAST NM 11/85		(10(684)85 Taunton) 19/85
	Change	Characteristic of buoy to Fl 10s (See 21/84-62295)	14°58.4'N 42°50.0'E
	Add	Buoy, R, conical, Q(2) R 6s Depth 6.1 meters	14°58.1'N 42°51.6'E 14°58.0'N 42°51.7'E
62295	1Ed. 6/4/83 LAST NM 19/85		(49(3599)86 Taunton) 9/87
	Add	Depth 290 meters	14°49.7'N 42°04.2'E
62295	1Ed. 6/4/83 LAST NM 9/87		(DIFRAP 5209/86; 4(329)87 Taunton) 14/87
	Add	Depth 10 meters "Rep (1986)"	14°14.3'N 42°27.4'E
62295	1Ed. 6/4/83 LAST NM 14/87		(BA CH 542) 24/87
	Substitute	Lights FR for beacon F for beacon	14°49'50"N 42°55'58"E 14°49'00"N 42°55'43"E
	Add	Position circle "Tomb"	15°10'36"N 42°34'27"E

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62295	(Continued) Add	Legend "Breaks heavily in strong south winds"	24/87 15°09'45"N 42°35'15"E
62295	1Ed. 6/4/83 LAST NM 24/87 Add	Depth 77 meters	(24(1776)87 Taunton) 40/87 14°24'03"N 42°27'36"E
62295	1Ed. 6/4/83 LAST NM 40/87 Add	Light Fl 10s 11M	(24(321)87 Hamburg) 45/87 15°10'30"N 42°34'12"E
62295	1Ed. 6/4/83 LAST NM 45/87 Substitute	Light Fl 8s 14M for position circle	(49(3702)87 Taunton) 4/88 15°00'58"N 42°09'46"E
62295	1Ed. 6/4/83 LAST NM 4/88 Add	Superbuoy TANKER	(4(319)88 Taunton) 14/88 15°07'00"N 42°36'00"E
		Purple composite-line circle, radius 2 miles, centered on above superbuoy	
		Legend "Ras Isa Storage and Offloading Terminal"	15°08'00"N 42°36'00"E
		"Anchorage Area" bound by dashed line joining	15°03'00"N 42°32'00"E 15°05'00"N 42°32'00"E 15°05'00"N 42°36'00"E 15°03'00"N 42°36'00"E
62295	1Ed. 6/4/83 LAST NM 14/88 Change	Legend to "Ras Isa Marine Terminal" (See 14/88-62295)	(13(1035)88 Taunton) 25/88 15°08.0'N 42°36.0'E
	Add	Submarine pipeline joining	15°11'02"N 42°37'48"E 15°08'36"N 42°36'30"E 15°07'00"N 42°36'00"E
		(See 14/88-62295)	
		Legend "Oil (see Note)" along above pipeline	15°09'50"N 42°37'00"E
		Note "PIPELINES Attention is called to the fact that in many cases pipelines are not buried and charted depths may be decreased by up to two meters. Vessels should not anchor or trawl in the vicinity of pipelines."	14°48'00"N 43°05'00"E
62295	1Ed. 6/4/83 LAST NM 25/88 Substitute	Dangerous wreck (Masts) (PA) for stranded wreck (PA)	(16(1210)88 Taunton) 31/88 14°01.8'N 42°47.9'E
62295	1Ed. 6/4/83 LAST NM 31/88 Delete	Purple composite-line circle centered Anchorage area centered (See 14/88-62295)	(22(1685)88 Taunton) 33/88 15°07'00"N 42°36'00"E 15°04'00"N 42°34'00"E
	Add	Purple composite line joining	15°11'15"N 42°39'42"E 15°03'00"N 42°37'00"E 15°03'00"N 42°32'00"E 15°05'00"N 42°32'00"E 15°05'00"N 42°32'34"E 15°10'30"N 42°34'12"E 15°11'05"N 42°38'00"E
		Legend "Restricted Area (see Note)" Pilot station symbol	15°06'15"N 42°35'30"E 15°04'00"N 42°34'00"E
		Note "RESTRICTED AREA Only vessels arriving to load at Ras Isa Marine Terminal (15°07.0'N 42°36.0'E) may enter the Restricted area. Such vessels must proceed to the anchorage and await instructions."	14°37'00"N 43°04'00"E

62295	1Ed. 6/4/83 LAST NM 33/88		(BA LL) 37/88
	Change	Lights to Fl 7s 9m 6M	15°10.5'N 42°34.2'E
		Fl 10s 154m 12M	15°01.0'N 42°09.8'E
		(See 45/87, 4/88-62295)	
62295	1Ed. 6/4/83 LAST NM 37/88		(BA CH 548) 14/59
	Add	Depths 218 meters	15°03.3'N 42°18.4'E
		240 meters	15°06.6'N 42°17.6'E
		134 meters	15°08.2'N 42°17.6'E
62295	1Ed. 6/4/83 LAST NM 14/89		(BA CH 453) 18/89
	Delete	Depth 69 meters	13°50'30"N 42°50'10"E
	Add	Depths 49 meters	14°00'25"N 42°53'55"E
		48 meters "Rep (1965)"	13°59'40"N 42°49'40"E
		46 meters	13°50'20"N 42°48'40"E
		48 meters	13°51'30"N 42°35'40"E
		50 meters	13°49'15"N 42°31'50"E
		41 meters	13°46'35"N 42°35'25"E

★62302	1Ed. 7/10/82	NEW CHART	(DMAHTC) 38/82
62302	1Ed. 7/10/82 LAST NM 38/82		(42(2554)82 Taunton) 3/83
	Add	Stranded wreck (conspic) (PA)	14°02.0'N 48°41.0'E
62302	1Ed. 7/10/82 LAST NM 3/83		(DMAHTC) 26/84
	Delete	Legend "CONTINUED ON 62060"	13°16.0'N 49°44.8'E
	Change	Legend to "CONTINUED ON 62050"	12°42.2'N 49°35.0'E
62302	1Ed. 7/10/82 LAST NM 26/84		(34(3399)85 Hamburg) 34/85
		(Plan)	
	Add	Legend "Under construction"	14°31'12"N 49°08'39"E
62302	1Ed. 7/10/82 LAST NM 34/85		(50(3784)87 Taunton) 5/88
	Add	Position circle "R MAST" (PA)	14°00.0'N 48°13.2'E

★62306	1Ed. 7/10/82	NEW CHART	(DMAHTC) 36/82
62306	1Ed. 7/10/82 LAST NM 36/82		(DMAHTC) 26/84
	Delete	Legend "CONTINUED ON 62060"	13°40.2'N 50°15.0'E

★62310	1Ed. 11/13/82	NEW CHART	(DMAHTC; US LL) 4/83
	Change	Light to F 9M, Fl(2) R 5M	16°56.8'N 54°00.9'E
62310	1Ed. 11/13/82 LAST NM 4/83		(NVS7340/84) 45/84
	Add	HORN to light	16°56.8'N 54°00.9'E
62310	1Ed. 11/13/82 LAST NM 45/84		(16(1043)85 Taunton) 30/85
	Add	Light Fl 9s 18M	15°49'15"N 52°11'52"E
62310	1Ed. 11/13/82 LAST NM 30/85		(15/85 Oman) 16/87
	Add	Light Fl G 9s 6M	16°59'20"N 54°41'09"E
62310	1Ed. 11/13/82 LAST NM 16/87		(42(3187)87 Taunton) 50/87
	Add	Legend "Less water reported (1987)"	15°48'00"N 52°13'58"E

★62313	2Ed. 6/30/84	NEW EDITION	(DMAHTC) 34/84
★62313	2Ed. 6/30/84 LAST NM 34/84		(NVS7340/84) 45/84
		(And Plan)	
	Add	HORN to light	16°56'46"N 54°00'52"E
★62313	2Ed. 6/30/84 LAST NM 45/84		(NVS7441/85) 17/85
		(And Plan)	
	Add	Position circle with legends	
		"Tank (westernmost of two) (PA)"	16°58'29.5"N 53°59'25.0"E
		"R Tr (westernmost of two) (PA)"	16°59'30.5"N 54°01'54.0"E

★62320	1Ed. 6/12/82	NEW CHART	(DMAHTC) 32/82
	Add	Chartlet, depicting changes in hydrography, from back of Section I	18°00'N 57°00'E

62320	1Ed. 6/12/82 LAST NM 32/82		
	Add	Buoy (wave rider), yellow, Fl(5) 20s	(44/84 Bahrain) 29/84 17°51'16"N 55°37'18"E
★62330	1Ed. 8/28/82	NEW CHART	(DMAHTC) 43/82
62330	1Ed. 8/28/82 LAST NM 43/82		
	Delete	Depths 16 meters "Rep (1975)" 16.5 meters "Rep (1976)"	(NVS7141/83) 1/84 19°11.8'N 58°12.5'E 19°16.6'N 58°11.9'E
	Add	Depth 16.5 meters "Rep (1975)" (PA)	19°16.8'N 58°12.5'E
62330	1Ed. 8/28/82 LAST NM 1/84		
	Add	Depth 382 meters	(HNNM7711/86) 11/86 19°05.5'N 58°16.3'E
62330	1Ed. 8/28/82 LAST NM 11/86		
	Add	Wreck	(13/86 Oman) 20/87 19°06.1'N 57°57.6'E
62330	1Ed. 8/28/82 LAST NM 20/87		
	Add	Legend "Less water reported (1987)" between	(50(3785)87 Taunton) 5/88 18°14.5'N 56°44.0'E 18°34.5'N 56°58.5'E
★62340	1Ed. 10/2/82	NEW CHART	
	Add	Legend "(Caution No. 3)" Caution No. 3 to cautions note "3. Inshore Traffic Zone. A routing measure comprising a designated area between the landward boundary of a traffic separation scheme and the adjacent coast, not normally to be used by through traffic and where local special rules may apply."	(DMAHTC; NVS6582/82) 46/82 22°30.5'N 59°56.0'E 21°29.0'N 59°12.5'E
62340	1Ed. 10/2/82 LAST NM 46/82		
	Delete	Depth 33 meters "Rep (1978)"	(45(2746)82 Taunton) 7/83 19°53.9'N 58°34.0'E
62340	1Ed. 10/2/82 LAST NM 7/83		
	Add	Buoy (wave rider), yellow, Fl Y 3s	(19/83 Bahrain) 19/83 22°35.9'N 59°33.3'E
62340	1Ed. 10/2/82 LAST NM 19/83		
	Change	Light to Fl 10s 41m 16M Racon	(BA LL) 9/85 22°32.0'N 59°47.8'E
62340	1Ed. 10/2/82 LAST NM 9/85		
	Add	Depths 159 meters "Rep (1985)" (PA) 165 meters "Rep (1985)" (PA) 88 meters "Rep (1985)" (PA) 58 meters "Rep (1985)" (PA) 61 meters "Rep (1985)" (PA) 48 meters "Rep (1985)" (PA)	(HNNM7538/85) 36/85 22°37.4'N 59°40.0'E 22°37.9'N 59°39.9'E 22°36.4'N 59°37.9'E 22°36.1'N 59°37.1'E 22°36.2'N 59°36.3'E 22°35.5'N 59°35.5'E
62340	1Ed. 10/2/82 LAST NM 36/85		
	Delete	Buoy	(HNNM0005/85) 38/85 22°35'54"N 59°33'18"E
	Add	Depth 18.5 meters 33 meters 33 meters 61 meters	22°33'44"N 59°38'37"E 22°35'15"N 59°38'06"E 22°34'17"N 59°37'44"E 22°35'30"N 59°37'38"E
62340	1Ed. 10/2/82 LAST NM 38/85		
	Add	Stranded wreck (conspic)	(1(62)87 Taunton) 13/87 21°24.8'N 59°19.2'E 21°26.7'N 59°21.4'E
62340	1Ed. 10/2/82 LAST NM 13/87		
	Delete	Legends "CHART 62352 (PLAN)"	(DMAHTC; 1/87 Oman) 14/87 22°36'N 59°32'E 22°35'N 59°47'E
	Add	Buoy, yellow above red, Fl 2½s	22°36.2'N 59°33.2'E
62340	1Ed. 10/2/82 LAST NM 14/87		
	Delete	Depth 31 meters	(35(2655)87 Taunton) 43/87 22°36.5'N 59°31.5'E
	Add	Depths 10.1 meters 12.9 meters	22°11'42"N 59°48'36"E 22°36'25"N 59°30'11"E

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62340	1Ed. 10/2/82 LAST	NM 43/87		(43(3209)88 Taunton) 1/89
	Add	Caution No 4 to cautions note "4. Uncharted coral heads exist within the 10-meter depth contour. Mariners are cautioned not to approach the coast without local knowledge."		21°32.0'N 59°10.0'E
		(And Inset)		
	Add	Legend "CAUTION NO 4"		20°24.0'N 58°35.0'E
★**62342**	1Ed. 9/18/82	NEW CHART		(DMAHTC) 45/82
62342	1Ed. 9/18/82 LAST	NM 45/82		(44(2680)82 Taunton) 9/83
	Delete	Danger circle "Obstrs"		20°41'16"N 58°52'02"E
62342	1Ed. 9/18/82 LAST	NM 9/83		(1(52)85 Taunton) 9/85
	Substitute	Depth 9.6 meters for 9.9 meters		20°42'24"N 58°55'11"E
62342	1Ed. 9/18/82 LAST	NM 9/85		(BA CH 2854) 4/88
	Delete	Bns, range line and legend "Bns in line 117°30'" between		20°41.2'N 58°52.6'E 20°41.9'N 58°51.4'E
		Bns, range line and legend "Bns in line 201°" between		20°41.4'N 58°54.2'E 20°44.8'N 58°55.5'E
62342	1Ed. 9/18/82 LAST	NM 4/88		(43(3209)88 Taunton) 1/89
	Add	Submerged rock		20°34'55"N 58°56'24"E 20°33'44"N 58°56'26"E
		Rock awash		20°33'22"N 58°56'31"E 20°30'22"N 58°57'31"E
★**62344**	1Ed. 8/21/82	NEW CHART		(DMAHTC) 40/82
62344	1Ed. 8/21/82 LAST	NM 40/82		(44(2680)82 Taunton) 9/83
	Delete	Danger circles (2) "Obstrs" in vicinity		20°41'20"N 58°52'02"E
62344	1Ed. 8/21/82 LAST	NM 9/83		(1(52)85 Taunton) 9/85
	Substitute	Depth 9.6 meters for 9.9 meters		20°42'21"N 58°55'09"E
62344	1Ed. 8/21/82 LAST	NM 9/85		(8, 11/85 Oman) 12/86
	Add	Special buoy: Y, pillar, "X" topmark, Fl Y 10s		20°41'17.0"N 58°52'06.0"E
		Special buoy: Y, pillar, Fl Y 15s		20°41'02.0"N 58°52'04.0"E
		"Prohibited Area" bound by shore and purple composite line joining		20°40'58.5"N 58°52'36.6"E 20°41'02.0"N 58°52'04.0"E 20°41'17.0"N 58°52'06.0"E 20°41'15.3"N 58°52'22.0"E
62344	1Ed. 8/21/82 LAST	NM 12/86		(7/86 Oman) 33/86
	Delete	Prohibited area and buoys (2) centered (Supersedes 12/86-62344)		20°41'10"N 58°52'15"E
62344	1Ed. 8/21/82 LAST	NM 33/86		(BA CH 2854) 4/88
	Delete	Beacons, range line and legend "Beacons in line 117°30'" between		20°41'18"N 58°52'39"E 20°41'51"N 58°51'31"E
		Beacons, range line and legend "Beacons in line 201°" between		20°41'28"N 58°54'08"E 20°44'20"N 58°55'19"E
	Add	Buoys (mooring) (mooring)		20°42'45"N 58°54'25"E 20°42'48"N 58°54'27"E
		Anchorage symbol (large vessels)		20°41'42"N 58°52'09"E
62344	1Ed. 8/21/82 LAST	NM 4/88		(43(3209)88 Taunton) 1/89
	Add	Submerged rock		20°34'55.8"N 58°56'24.0"E
★**62350**	1Ed. 5/1/82	NEW CHART		(DMAHTC, NVS6582/82) 25/82
	Delete	Rectangular shaped outline centered		23°13.2'N 58°57.0'E

(continued on next page)

*62350	(Continued)		25/82
	Add	Legend "(See Caution 3)"	22°30.5'N 59°56.0'E
		Caution 3 to cautions note "3. Inshore Traffic Zone: A routing measure comprising a designated area between the landward boundary of a traffic separation scheme and the adjacent coast, not normally to be used by through traffic and where local special rules may apply."	22°35.3'N 58°30.0'E
62350	1Ed. 5/1/82 LAST NM 25/82		(73/82 Bahrain) 40/82
	Add	Wreck	23°17.0'N 58°57.7'E
62350	1Ed. 5/1/82 LAST NM 40/82		(FLIP) 13/83
	Delete	R Bn (AERO) (PA)	23°36.0'N 58°22.2'E
62350	1Ed. 5/1/82 LAST NM 13/83		(19/83 Bahrain) 19/83
	Add	Buoy (wave rider), yellow, Fl Y 3s	22°35.9'N 59°33.3'E
62350	1Ed. 5/1/82 LAST NM 19/83		(9(550)84 Taunton) 17/84
	Delete	Dashed line joining	23°53.0'N 58°27.2'E
			23°53.0'N 58°28.6'E
			23°41.5'N 58°28.6'E
	Add	Dashed lines joining	23°53.0'N 58°27.2'E
			23°40.0'N 58°27.2'E
			23°40.0'N 58°20.0'E
		joining	23°41.5'N 58°28.6'E
			23°38.6'N 58°28.6'E
			23°38.6'N 58°29.5'E
		Legend "Anchorage Area"	23°40.2'N 58°29.2'E
62350	1Ed. 5/1/82 LAST NM 17/84		(BA LL) 9/85
	Change	Light to Fl 10s 41m 16M Racon	22°32.0'N 59°47.9'E
62350	1Ed. 5/1/82 LAST NM 9/85		(11(763, 764)85 Taunton) 21/85
	Delete	Legends "Conspic"	23°37.5'N 58°27.3'E
		"Anchorage Area"	23°40.2'N 58°29.2'E
		Stranded wreck and light	23°37.8'N 58°20.6'E
		Dashed line joining	23°41.1'N 58°30.1'E
			23°41.5'N 58°30.1'E
			23°41.5'N 58°28.6'E
			23°39.5'N 58°28.6'E
	Add	Dashed line between	23°39.5'N 58°28.6'E
			23°39.5'N 58°30.0'E
		Legend "Anch Area"	23°39.0'N 58°29.3'E
62350	1Ed. 5/1/82 LAST NM 21/85		(HNNM7538/85) 36/85
	Add	Depths 159 meters "Rep (1985)" (PA)	22°37.4'N 59°40.0'E
		165 meters "Rep (1985)" (PA)	22°37.9'N 59°39.9'E
		88 meters "Rep (1985)" (PA)	22°36.4'N 59°37.9'E
		58 meters "Rep (1985)" (PA)	22°36.1'N 59°37.1'E
		61 meters "Rep (1985)" (PA)	22°36.2'N 59°36.3'E
		48 meters "Rep (1985)" (PA)	22°35.5'N 59°35.5'E
62350	1Ed. 5/1/82 LAST NM 36/85		(HNNM0005/85) 38/85
	Delete	Buoy	22°35'54"N 59°33'18"E
	Add	Depth 18.5 meters	22°33'44"N 59°38'37"E
		33 meters	22°35'15"N 59°38'06"E
		33 meters	22°34'17"N 59°37'44"E
		61 meters	22°35'30"N 59°37'38"E
62350	1Ed. 5/1/82 LAST NM 38/85		(HNNM7644/85) 1/86
	Add	Depth 457 meters (PA)	22°37.3'N 59°38.2'E

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62350	1Ed. 5/1/82 LAST NM 1/86		(BA CH 3518) 26/87
	Substitute	Purple composite lines for purple dashed lines joining	23°38.1'N 58°30.5'E 23°38.3'N 58°30.8'E 23°39.4'N 58°30.8'E 23°39.4'N 58°30.0'E 23°41.0'N 58°30.0'E 23°41.0'N 58°33.2'E 23°38.3'N 58°33.2'E 23°38.3'N 58°32.4'E
		joining	23°41.0'N 58°33.2'E 23°41.0'N 58°36.0'E 23°39.8'N 58°36.0'E 23°38.6'N 58°35.8'E 23°38.7'N 58°36.1'E 23°37.4'N 58°36.1'E
	Change	Legend to "RESTRICTED AREA"	23°39.6'N 58°31.8'E
62350	1Ed. 5/1/82 LAST NM 26/87		(35(2655)87 Taunton) 43/87
	Delete	Depth 31 meters	22°36.5'N 59°31.5'E
	Add	Depth 12.9 meters	22°36'25"N 59°30'11"E
62350	1Ed. 5/1/82 LAST NM 43/87		(13/87 Oman) 6/88
	Relocate	Buoy close W to	23°41'00"N 58°32'27"E
62350	1Ed. 5/1/82 LAST NM 6/88		(25/88 Bahrain) 25/88
	Add	Lightfloats (fish aggregation devices), orange, Q(2) Y	23°17.0'N 59°04.0'E 23°20.0'N 59°05.0'E 23°28.0'N 59°05.0'E 23°30.0'N 59°01.0'E 23°32.0'N 59°01.0'E 23°37.0'N 58°57.0'E
62350	1Ed. 5/1/82 LAST NM 25/88		(11/88 Oman) 41/88
	Delete	Lightfloats (fish aggregation devices)	23°17.0'N 59°04.0'E 23°20.0'N 59°05.0'E 23°28.0'N 59°05.0'E 23°30.0'N 59°01.0'E 23°32.0'N 59°01.0'E 23°37.0'N 58°57.0'E
		(Cancels 25/88-62350)	
62350	1Ed. 5/1/82 LAST NM 41/88		(1(62)89 Taunton) 11/89
	Relocate	Buoy close E to	23°41.0'N 58°33.2'E
★62353	3Ed. 12/17/88	NEW EDITION	(DMAHTC) 12/89
★62355	3Ed. 9/28/85	NEW EDITION	(DMAHTC) 48/85
		(Plan A)	
	Delete	Purple dashed-line circles centered	23°39'53"N 58°29'45"E 23°39'56"N 58°29'03"E 23°40'36"N 58°29'00"E 23°41'16"N 58°29'05"E
	Add	Purple dashed-line between	23°41'01"N 58°33'22"E 23°41'01"N 58°33'43"E
		Designations to anchoring berths "1" "2" "3" "4"	23°38'58"N 58°30'47"E 23°39'19"N 58°30'29"E 23°39'10"N 58°30'03"E 23°39'19"N 58°29'35"E
62355	3Ed. 9/28/85 LAST NM 48/85		(1, 3, 4/86 Oman) 12/86
	Delete	Prohibited area and buoys (2) in vicinity	23°36.8'N 58°25.1'E
		(And Plans A & B)	
	Add	Wreck marked by buoy, G, pillar, Fl G 2½s	23°38'14.0"N 58°34'15.3"E
62355	3Ed. 9/28/85 LAST NM 12/86		(13/85 Oman) 21/86
	Add	Position circle (accurate) "Storage Tanker"	23°49'12"N 58°19'12"E

(continued on next page)

62355	(Continued) Add	"PROHIBITED AREA" bound by purple dashed-line circle, radius 2.0 miles, centered	21/86 23°49'12"N 58°19'12"E
62355	3Ed. 9/28/85 LAST NM 21/86 Delete	Position circle "Storage Tanker" and prohibited area centered (See 21/86-62355)	(27/1953086 Taunton) 35/86 23°49.2'N 58°19.2'E
62355	3Ed. 9/28/85 LAST NM 35/86 (And Plan A) Delete	Buoy "Wave Recorder"	(42/4294086 Hamburg) 1/87 23°40'56"N 58°33'18"E
	(Plans A and B) Delete	Light	23°37'43"N 58°34'16"E
62355	3Ed. 9/28/85 LAST NM 1/87 (And Plan A) Add	Buoy (waverider) Q	(3/87 Oman) 20/87 23°41'00"N 58°33'16"E
62355	3Ed. 9/28/85 LAST NM 20/87 Substitute	Purple composite line for purple dashed line joining	(BA CH 3518, 17/1311087 Taunton) 26/87 23°41'01"N 58°33'23"E 23°41'01"N 58°36'08"E 23°40'00"N 58°36'08"E 23°38'30"N 58°35'50"E 23°38'40"N 58°36'10"E 23°36'48"N 58°36'10"E
	Change	Legend "PROHIBITED AREA" to "RESTRICTED AREA"	23°40'25"N 58°36'22"E
	(And Plan A) Substitute	Purple composite lines for purple dashed lines joining	23°38'10"N 58°30'34"E 23°38'33"N 58°30'57"E 23°39'32"N 58°30'57"E 23°39'32"N 58°30'04"E 23°41'01"N 58°30'04"E 23°41'01"N 58°33'23"E 23°38'26"N 58°33'23"E 23°38'26"N 58°32'28"E 23°38'00"N 58°31'51"E
		...ining	23°37'42"N 58°34'24"E 23°37'59"N 58°34'56"E 23°40'03"N 58°33'23"E
	Add	Pilot station symbol	23°41'13"N 58°33'12"E
	(Plans A & B) Add	Depth 9.8 meters	23°37'41.5"N 58°34'06.5"E
	(Plan A) Substitute	Purple composite line for purple dashed line between	23°41'01"N 58°33'22"E 23°41'01"N 58°33'43"E
	Change	Legend "PROHIBITED AREA" to "RESTRICTED AREA"	23°39'34"N 58°31'38"E
		Line 1 of caution note to "Vessels must not enter the restricted area"	23°37'30"N 58°29'38"E
	Add	Legend "Mina al Fahl (Tankers)"	23°41'13"N 58°32'56"E
	(Plan B) Delete	Buoy (PA)	23°37'39"N 58°34'17"E
	Substitute	Purple composite line for purple dashed line joining	23°37'40"N 58°34'23"E 23°38'00"N 58°34'57"E 23°38'18"N 58°34'43"E
	Add	Depths 4 meters 10 meters 5.2 meters 8.5 meters	23°37'24.1"N 58°35'02.2"E 23°37'38.2"N 58°34'06.0"E 23°37'37.5"N 58°34'20.1"E 23°37'30.0"N 58°34'52.3"E

SUBREGION 62

(continued on next page)

62355	(Continued)		26/87
	Add	Dangerous submerged rock	23°37'32.0"N 58°35'04.8"E
		Buoys (mooring)	23°37'26.0"N 58°34'26.8"E
			23°37'26.8"N 58°34'29.5"E
			23°37'27.2"N 58°34'33.4"E
			23°37'13.0"N 58°35'40.5"E
			23°37'18.0"N 58°35'41.0"E
62355	3Ed. 9/28/85 LAST NM 26/87		(12/87 Oman) 43/87
		(Plans A & B)	
	Add	Buoys, red, Fl R 3s	23°37'46.8"N 58°35'42.0"E
		red, Fl(2) R 10s	23°37'34.2"N 58°35'04.8"E
62355	3Ed. 9/28/85 LAST NM 43/87		(61/87 Bahrain) 50/87
	Add	Light Q 6M	23°36'32"N 58°24'51"E
62355	3Ed. 9/28/85 LAST NM 50/87		(13/87 Oman) 6/88
		(And Plan A)	
	Delete	Buoys	23°41'00"N 58°33'22"E
			23°41'00"N 58°33'16"E
		(See 20/87-62355)	
	Add	Buoy (waverider), Q	23°40'54"N 58°32'27"E
		Buoy "Fahal Fairway", red and white stripes, Fl(2) 5s	23°41'00"N 58°32'27"E
62355	3Ed. 9/28/85 LAST NM 6/88		(32/88 Bahrain) 25/88
	Change	Light to Fl 10s 31m 15M Racon	23°51.3'N 58°04.0'E
62355	3Ed. 9/28/85 LAST NM 25/88		(40/88 Bahrain) 32/88
	Add	Buoy Y, pillar, "X" topmark, Fl Y	23°37'30"N 58°36'12"E
62355	3Ed. 9/28/85 LAST NM 32/88		(50(373)88 Taunton) 10/89
		(Plans A & B)	
	Relocate	Buoy "1" close ENE to	23°37'41.7"N 58°34'45.9"E
	Change	Light to FR	23°37'34"N 58°34'08"E
		(Plan B)	
	Delete	Buoys (mooring)	23°37'26"N 58°34'27"E
			23°37'27"N 58°34'30"E
			23°37'27"N 58°34'33"E
62355	3Ed. 9/28/85 LAST NM 10/89		(1(62)89 Taunton) 11/89
		(And Plan A)	
	Relocate	Buoy "Fahal Fairway" close E to	23°41'00"N 58°33'12"E
62355	3Ed. 9/28/85 LAST NM 11/89		(3(250)89 Taunton) 14/89
		(Plan B)	
	Add	Buoy G, conical, Fl G	23°37'37.2"N 58°34'18.0"E
★62360	3Ed. 11/23/85	NEW EDITION	(DMAHTC) 7/86
62360	3Ed. 11/23/85 LAST NM 7/86		(BA LL) 20/86
	Delete	Obscured sector (180°-270°) from light	25°21.3'N 56°22.1'E
62360	3Ed. 11/23/85 LAST NM 20/86		(13/85 Oman) 21/86
	Add	Position circle (accurate) "Storage Tanker"	23°49.2'N 58°19.2'E
		"PROHIB AREA" bound by purple dashed-line circle, radius 2.0 miles, centered	23°49.2'N 58°19.2'E
62360	3Ed. 11/23/85 LAST NM 21/86		(27(1953)86 Taunton) 35/86
	Delete	Position circle "Storage Tanker" and prohibited area centered	23°49.2'N 58°19.2'E
		(See 21/86-62360)	
62360	3Ed. 11/23/85 LAST NM 35/86		(42(4294)86 Hamburg) 1/87
	Delete	Buoy (Fl) (PA)	23°40.8'N 58°33.2'E
62360	3Ed. 11/23/85 LAST NM 1/87		(50(169)86 Karachi) 10/87
	Relocate	Light close S to	25°07.8'N 56°21.4'E

(continued on next page)

62360 (Continued)
Add — Submarine cable joining — 10/87
25°08.1'N 56°21.4'E
25°08.1'N 56°43.3'E
24°48.2'N 56°58.8'E
24°46.0'N 57°06.5'E

62360 3Ed. 11/23/85 LAST NM 10/87
Add — Light Fl 10s 10M Racon — (3(207)87 Taunton) 15/87
Buoy RW, pillar, ball topmark, Fl 10s — 23°49'50"N 57°32'05"E
23°50'36"N 57°32'54"E

Solid line (jetty) between — 23°49'50"N 57°32'05"E
23°49'14"N 57°31'40"E

62360 3Ed. 11/23/85 LAST NM 15/87
Substitute — Purple composite lines for purple dashed lines joining — (BA CH 3518) 26/87

23°38.1'N 58°30.5'E
23°38.3'N 58°30.8'E
23°39.4'N 58°30.8'E
23°39.4'N 58°30.0'E
23°41.0'N 58°30.0'E
23°41.0'N 58°33.2'E
23°38.3'N 58°33.2'E
23°38.3'N 58°32.0'E
23°37.9'N 58°31.7'E

between — 23°41.0'N 58°33.2'E
23°41.0'N 58°34.0'E

joining — 23°40.0'N 58°36.2'E
23°38.5'N 58°35.8'E
23°38.7'N 58°36.2'E
23°36.7'N 58°36.0'E

Change — Legend to "RESTR AREA" — 23°39.8'N 58°31.7'E

62360 3Ed. 11/23/85 LAST NM 26/87
Delete — Buoy — (3/87 Tehran) 35/87
25°36.9'N 57°41.8'E

62360 3Ed. 11/23/85 LAST NM 35/87
Add — Light 2 Fl 2s 30M — (MCNM7993/87, BA CH 3521) 44/87
25°11'21"N 56°20'22"E

62360 3Ed. 11/23/85 LAST NM 44/87
Change — Light to L Fl 10s 12m 8M Racon (See 15/87-62360) — (BA LL) 49/87
23°49'50"N 57°32'05"E

62360 3Ed. 11/23/85 LAST NM 49/87
Add — R Bn (AERO) — (44(3336)87 Taunton) 52/87
25°06'02"N 56°20'58"E

62360 3Ed. 11/23/85 LAST NM 52/87
Add — Depth 80 meters Wk (unsurveyed) — (49(3702)87 Taunton) 4/88
25°16'48"N 56°28'52"E

62360 3Ed. 11/23/85 LAST NM 4/88
Relocate — Buoy close W to — (13/87 Oman) 6/88
23°41'00"N 58°32'27"E

62360 3Ed. 11/23/85 LAST NM 6/88
Add — Depths — (1(61)88 Taunton) 7/88
40 meters Wk (unsurveyed) (PA) — 26°13.0'N 56°39.2'E
40 meters Wk (unsurveyed) (PA) — 26°18.1'N 56°46.2'E
71 meters Wk — 26°16.5'N 56°48.7'E

62360 3Ed. 11/23/85 LAST NM 7/88
Change — Lines 12-16 of cautions note to "2. The area between the Musandam Peninsula Coast and the landward boundary of the traffic separation scheme is designated an Inshore Traffic Zone. Mariners are warned that the Inshore Traffic Zone is only to be used by vessels under 20 meters in length and sailing vessels." — (MCNM8068/88) 11/88

Add — Purple heavy solid lines between — 23°44.5'N 57°07.5'E

between — 26°27.7'N 56°35.7'E
26°19.0'N 56°31.2'E

26°23.8'N 56°19.0'E
26°30.2'N 56°23.5'E

62360 3Ed. 11/23/85 LAST NM 11/88
Change — Light to Fl 10s 31m 15M Racon — (2/67 Tehran; 32/88 Bahrain) 25/88
23°51.3'N 58°04.0'E

(Continued on next page)

62360	(Continued)		25/88
	Add	Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s	25°36'35"N 57°42'30"E
62360	3Ed. 11/23/85 LAST NM 25/88		(26(1980)88 Taunton) 32/88
	Delete	R Bn at light	26°28.7'N 56°32.3'E
62360	3Ed. 11/23/85 LAST NM 32/88		(30(2287)88 Taunton) 39/88
	Delete	Racon at light	25°10.7'N 56°21.0'E
	Add	Racon at light	25°10.3'N 56°22.1'E
62360	3Ed. 11/23/85 LAST NM 39/88		(16/88 Oman) 5/89
	Add	Depth 18.7 meters Wk	23°53.1'N 57°35.8'E
62360	3Ed. 11/23/85 LAST NM 5/89		(1(62)89 Taunton) 11/89
	Relocate	Buoy close E to	23°41.0'N 58°33.2'E
62360	3Ed. 11/23/85 LAST NM 11/89		(10/89 Bahrain) 16/89
	Add	Racon at light	26°28.6'N 56°32.3'E

★**62366**	2Ed. 7/9/88	NEW EDITION	(DMAHTC) 38/88
	Add	Depth 37 meters "Rep (1988)" (Previously published 32/88)	25°11'46"N 56°23'59"E
62366	2Ed. 7/9/88 LAST NM 38/88	(And Plan B)	(30(2287)88 Taunton) 39/88
	Delete	Racon at light	25°10'46"N 56°21'02"E
	Add	Racon at light	25°10'30"N 56°22'08"E
62366	2Ed. 7/9/88 LAST NM 39/88		(39(2924)88 Taunton) 49/88
	Add	Depth 43 meters	25°11'06"N 56°26'14"E

★**62377**	1Ed. 8/10/85	NEW CHART	(DMAHTC) 43/85
	Delete	Legend "(Unreliable)" from light	25°17'06"N 60°36'38"E
62377	1Ed. 8/10/85 LAST NM 43/85		(DMAHTC) 44/85
	Change	Note to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	25°29'42"N 60°26'24"E
62377	1Ed. 8/10/85 LAST NM 44/85		(Ind CH 2094) 33/87
	Add	Depth 21.5 meters	25°16'07"N 60°25'18"E

★**62387**	1Ed. 8/31/85	NEW CHART	(DMAHTC) 46/85
	Delete	R Bn (AERO)	25°04'36"N 61°48'00"E
62387	1Ed. 8/31/85 LAST NM 46/85		(37(167)87 Karachi) 47/87
	Change	Light to Fl 10s 140m 19M	25°02.0'N 61°48.5'E

★**62388**	1Ed. 8/24/85	NEW CHART	(DMAHTC) 46/85
	Delete	R Bn (AERO)	25°04'36"N 61°48'00"E
62388	1Ed. 8/24/85 LAST NM 46/85		(37(167)87 Karachi) 47/87
	Change	Lights to Fl(2) 15s 85m 19M	25°06'00"N 62°20'48"E
		Fl 10s 140m 19M	25°01'54"N 61°48'16"E

★**62391**	4Ed. 6/21/80	NEW EDITION	(DMAHTC) 35/80
62391	4Ed. 6/21/80 LAST NM 35/80	(Plan A)	(BA CH 145) 43/80
	Add	Depths 7¾ fathoms	25°40'03"N 57°41'32"E
		12 fathoms	25°36'22"N 57°43'07"E
		Anchorage symbol (large vessels)	25°40'18"N 57°44'43"E

62391 4Ed. 6/21/80 LAST NM 43/80

Add — Note
"CHANGES IN BUOYAGE
Certain buoys, lights and beacons within the area of this chart are affected by the conversion to IALA Maritime Buoyage System in Region A-The Combined Cardinal and Lateral System (red to port). See Chart No. 1."
under title block in lower left corner of chart

(Plan C)

Add — Safe water buoy: RW, pillar, ball topmark, Iso 2s — 25°14.8'N 60°29.6'E

62391 4Ed. 6/21/80 LAST NM 47/81

(Plan C) — (10/60 Teheran, 1981) 49/81

Add — "Anchorage Area" bound by dashed line joining — 25°22'N 60°30'E; 25°22'N 60°33'E; 25°18'N 60°33'E; 25°18'N 60°30'E

62391 4Ed. 6/21/80 LAST NM 49/81

(Plan D) — (NVS6600/82) 13/82

Add — Legend "Rep exting (1982)" to light — 25°05.9'N 62°20.7'E

(Plan G)
Legend "Rep exting (1982)" to light — 25°11.0'N 64°41.3'E

62391 4Ed. 6/21/80 LAST NM 13/82

(Plan D) — (24/82 Karachi) 43/82

Change — Characteristic of light to Fl 15s and delete legend "Rep exting (1982)" — 25°05.9'N 62°20.7'E
(See 13/82-62391)

62391 4Ed. 6/21/80 LAST NM 43/82

(Plan D) — (17(54)83 Karachi) 29/83

Change — Period of light to 20s — 25°05.9'N 62°20.7'E
(See 43/82-62391)

62391 4Ed. 6/21/80 LAST NM 29/83

(Plan C) — (11/83 Teheran) 12/84

Add — W. cardinal buoy: YBY, pillar, double cone topmark points together, Q(9) 15s — 25°17'14"N 60°35'37"E

62391 4Ed. 6/21/80 LAST NM 12/84

(Plan D) — (19(78)84 Karachi) 33/84

Change — Period of light to 25s — 25°05.9'N 62°20.7'E
(Supersedes 29/83-62391)

62391 4Ed. 6/21/80 LAST NM 33/84

(Plan A) — (9(604)85 Taunton) 17/85

Change — Buoy to S. cardinal buoy: YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s — 25°37'03"N 57°42'10"E

(Plan C)

Change — Visibility (range) of light to 9M — 25°17.2'N 60°36.6'E

Add — Port buoy: R, pillar, Fl R 3s — 25°17.92'N 60°36.17'E

62391 4Ed. 6/21/80 LAST NM 17/85

(Plan C) — (3(191)85 Taunton; 3/84 Tehran) 19/85

Add — Solid line (pier) joining — 25°17.4'N 60°36.6'E; 25°17.7'N 60°36.2'E; 25°18.0'N 60°36.3'E

62391 4Ed. 6/21/80 LAST NM 19/85

(Plan A) — (7/85 Teheran) 25/85

Delete — Buoy — 25°40'08"N 57°44'12"E

SUBREGION 62

62391	4Ed. 6/21/80 LAST NM 25/85		(Pak CH 11) 36/85
		(Plan D)	
	Add	Depths $9\frac{3}{4}$ fathoms	25°04'41"N 62°23'26"E
		$6\frac{1}{2}$ fathoms	25°04'47"N 62°21'48"E
		5 fathoms	25°05'10"N 62°19'30"E
		$6\frac{3}{4}$ fathoms	25°04'52"N 62°15'00"E
★62391	4Ed. 6/21/80 LAST NM 36/85		(DMAHTC) 43/85
	Delete	Plan C (Khalij-E Chah Bahar)	
★62391	4Ed. 6/21/80 LAST NM 43/85		(DMAHTC) 46/85
	Delete	Plans D (Gwadar Head)	
		E (Gwatar Bay)	
62391	4Ed. 6/21/80 LAST NM 46/85		(26/86 Bahrain) 21/86
		(Plan A)	
	Add	Light Fl(3) G 10s 23ft 5M	25°39'02"N 57°45'46"E
62391	4Ed. 6/21/80 LAST NM 21/86		(38(2763)86 Taunton) 45/86
		(Plan A)	
	Delete	Legend "(ruin) Jetty"	25°38'54"N 57°45'50"E
	Add	Solid line (breakwater) joining	25°39'02"N 57°45'46"E
			25°38'53"N 57°45'51"E
			25°38'45"N 57°45'58"E
62391	4Ed. 6/21/80 LAST NM 45/86		(3/87 Tehran) 35/87
		(Plan A)	
	Delete	Buoy	25°37.0'N 57°42.2'E
62391	4Ed. 6/21/80 LAST NM 35/87		(44(193)87 Karachi) 1/88
		(Plan G)	
	Change	Light Fl(2) 20s 746ft 19M	25°11.1'N 64°41.3'E
		and delete legend "Rep exting (1982)"	
62391	4Ed. 6/21/80 LAST NM 1/88		(51(3866)87 Taunton) 12/88
		(Plan G)	
	Delete	Depths 6 fathoms	25°07'30"N 64°34'50"E
		$6\frac{1}{4}$ fathoms	25°07'48"N 64°36'19"E
	Add	Depths $2\frac{3}{4}$ fathoms	25°07'38"N 64°33'48"E
		$2\frac{1}{4}$ fathoms	25°08'31"N 64°34'12"E
		$1\frac{3}{4}$ fathoms	25°07'40"N 64°34'20"E
		$1\frac{3}{4}$ fathoms	25°07'40"N 64°36'20"E
		1 fathom	25°08'25"N 64°36'24"E
		$\frac{3}{4}$ fathom	25°08'42"N 64°37'15"E
		$4\frac{1}{4}$ fathoms	25°09'30"N 64°41'00"E
		$4\frac{1}{2}$ fathoms	21°11'30"N 64°47'42"E
62391	4Ed. 6/21/80 LAST NM 12/88		(2/67 Tehran) 25/88
		(Plan A)	
	Add	Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s	25°36'51"N 57°42'24"E
★62391	4Ed. 6/21/80 LAST NM 25/88		(DMAHTC) 31/88
	Change	Designation of plan C to G	25°10'N 64°40'E
		Note: Applicable to certain copies of this chart only	
	Add	Chartlet, depicting changes to INDEX OF PLANS in lower right corner of chart, from back of Section I	
★62392	6Ed. 5/11/85	NEW EDITION	(DMAHTC; 15(1004)85 Taunton: 42/85 Bahrain) 32/85
	Change	Buoy to W. cardinal buoy: YBY, pillar double cone topmark points together, Q(9) 15s	26°00.1'N 57°08.6'E
		(Previously published 27/85)	
	Add	W. cardinal buoy: YBY, pillar, double cone topmark points together, Q(9) 15s	25°47'45"N 57°17'35"E
		(Previously published 27/85)	
	Add	Submarine pipeline between	26°00'00"N 55°54'36"E
			25°57'12"N 56°02'54"E

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★62392	(Continued) Add	Light flare symbol and legend "HORN" to platform	32/85 26°10'30"N 55°45'36"E
★62392	6Ed. 5/11/85 LAST NM 32/85 Add	Depth 41 meters "Rep (1973)"	(MCNM7749/86) 18/86 26°23.8'N 55°56.8'E
62392	6Ed. 5/11/85 LAST NM 18/86 Change	Buoy (mooring) "SBM" to superbuoy TANKER, Q HORN Mo(U) 30s with legends "Hulaylah Terminal" and "Storage Tanker"	(BA CH 3737; 16(1228)87 Taunton) 26/87 25°58.6'N 55°56.0'E
		Line 5 of note (OIL FIELDS) to "the vicinity. In Saleh Oil Field, all surface structures are marked by Q lights and HORN Mo(U) 30s."	26°14.6'N 57°15.0'E
	Add	Platforms with light flare symbol	26°10'45"N 55°44'45"E 26°09'55"N 55°45'12"E
		Depths 72 meters Wk 82 meters Well	26°10'57"N 55°44'55"E 26°09'00"N 55°43'55"E
		Light flare symbol to platforms	26°11'40"N 55°42'25"E 26°10'52"N 55°42'22"E 26°10'25"N 55°41'52"E
62392	6Ed. 5/11/85 LAST NM 26/87 Delete	Limits of oil field centered	(1161, 62)88 Taunton; BA CH 3737) 7/88 26°10.7'N 55°42.6'E
		Light symbol and legend "HORN" from platform	26°10.5'N 55°45.6'E
		Light, fog signal and legend "Storage Tanker" from superbuoy (See 26/87-62392)	25°58.6'N 55°56.0'E
	Add	Depths 40 meters Wk (unsurveyed) (PA) 40 meters Wk (unsurveyed) (PA) 71 meters Wk	26°12'55"N 56°39'00"E 26°18'03"N 56°46'10"E 26°16'24"N 56°48'35"E
		Dashed line (oil field limit) joining	26°11'25"N 55°41'00"E 26°13'10"N 55°42'[illegible]5"E 26°10'47"N 55°4[illegible]"E 26°07'09"N 55°44'[illegible]"E 26°09'34"N 55°41'[illegible]E
		Submarine pipelines between	26°11'12"N 55°42'24"E 25°59'42"N 55°55'30"E
		between	25°58'36"N 55°56'00"E 25°57'12"N 56°02'54"E
		"Anchorage Area" bound by dashed-line circle, radius 0.5 mile, centered	25°58'12"N 55°53'12"E
★62392	6Ed. 5/11/85 LAST NM 7/88 Change	Lines 20-23 of cautions note to "5. The area between the Musandam Peninsula Coast and the landward boundary of the traffic separation scheme is designated an inshore traffic zone. Mariners are warned that the Inshore Traffic Zone is only to be used by vessels under 20 meters in length and sailing vessels."	(MCNM8068/88) 11/88
	Add	Purple heavy solid lines between	26°28'15"N 57°15'00"E
		between	26°15'25"N 56°12'50"E 26°30'15"N 56°23'15"E 26°27'40"N 56°35'40"E 26°19'00"N 56°31'20"E

62392	6Ed. 5/11/85 LAST NM 11/88 Add	"Anchorage Area" bound by dashed line joining	(9(729)88 Taunton) 21/88 25°58'42"N 56°01'52"E 25°59'24"N 55°59'06"E 26°01'18"N 56°02'14"E
62392	6Ed. 5/11/85 LAST NM 21/88 Add	Pilot station symbol	(20(1530)88 Taunton) 31/88 25°58'12"N 55°53'00"E
62392	6Ed. 5/11/85 LAST NM 31/88 Delete	R Bn at light	(26(1980)88 Taunton) 32/88 26°28.6'N 56°32.3'E
★62392	6Ed. 5/11/85 LAST NM 32/88 Delete	Buoy "Grayswift"	(MCNM8134/88) 39/88 26°10.2'N 55°53.1'E
62392	6Ed. 5/11/85 LAST NM 39/88 Add	Buoy "Grayswift", yellow spherical, Fl Y 6s (See 39/88-62392)	(73/88 Bahrain) 5/89 26°10.0'N 55°53.0'E
62392	6Ed. 5/11/85 LAST NM 5/89 Add	Visibility (range) 2M to light	(BA CH 3711) 14/89 25°45.9'N 55°54.6'E
62392	6Ed. 5/11/85 LAST NM 14/89 Add	Racon at light	(10/89 Bahrain) 16/89 26°28.6'N 56°32.3'E
★62393	5Ed. 3/31/84	NEW EDITION	(DMAHTC) 23/84
62393	5Ed. 3/31/84 LAST NM 23/84 Add	Stranded wreck (conspic) (PA)	(24(1547)84 Taunton) 33/84 27°06.6'N 56°16.7'E
62393	5Ed. 3/31/84 LAST NM 33/84 Add	Light Fl 3s 4m 7M	(10/84 Teheran) 47/84 27°04'57"N 56°48'03"E
62393	5Ed. 3/31/84 LAST NM 47/84 Delete	Light	(9(603)85 Taunton) 18/85 27°06.1'N 56°27.1'E
62393	5Ed. 3/31/84 LAST NM 18/85 Add	Light Fl(3) G 12s 7m, Fl(3) R 12s 7m (PA)	(2/84 Tehran) 43/85 26°54'12"N 56°10'01"E
62393	5Ed. 3/31/84 LAST NM 43/85 Delete	Buoy	(15/85 Tehran) 44/85 26°46.2'N 56°04.3'E
★62393	5Ed. 3/31/84 LAST NM 44/85 Add	Depths 11.5 meters "Rep (1973)" 24 meters "Rep (1973)" 14 meters "Rep (1973)" 42 meters "Rep (1973)" 21 meters "Rep (1973)" 27 meters "Rep (1973)" 9 meters "Rep (1973)"	(MCNM17749/86) 18/86 26°59'13"N 56°17'40"E 26°47'25"N 56°06'59"E 26°54'57"N 56°17'48"E 26°52'44"N 56°17'44"E 26°48'55"N 56°18'58"E 26°47'06"N 56°18'23"E 27°04'04"N 56°15'50"E
62393	5Ed. 3/31/84 LAST NM 18/86 Add	Lights Fl(3) G 10s FlG 5s FlR 5s Fl(3) R 10s	(93/85 Bahrain; 21/85 Tehran) 24/86 27°05'33"N 56°04'08"E 27°05'27"N 56°04'27"E 27°05'15"N 56°04'12"E 27°05'17"N 56°03'55"E
62393	5Ed. 3/31/84 LAST NM 24/86 Add	"ANCHORAGE AREA" bound by dashed line joining	(43/86 Bahrain) 34/86 26°57.10'N 56°43.06'E 26°53.10'N 56°39.06'E 26°44.10'N 56°42.06'E 26°48.10'N 56°51.06'E
62393	5Ed. 3/31/84 LAST NM 34/86 Relocate	Stranded wreck (conspic) (PA) close NNE to	(8(613)87 Taunton) 18/87 27°06'54"N 56°16'48"E
62393	5Ed. 3/31/84 LAST NM 18/87 Change	Buoy to R, conical, Fl(2) 8s	(BA CH 3599) 19/88 27°01.2'N 56°24.0'E

(continued on next page)

62393 (Continued)
Add — Depths 4.9 meters
14.9 meters
14.6 meters
12.8 meters
10.9 meters
14.9 meters
19/88
27°06'12"N 56°24'27"E
27°01'30"N 56°20'21"E
27°02'20"N 56°19'54"E
27°03'42"N 56°17'00"E
27°05'12"N 56°12'39"E
27°03'00"N 56°12'42"E

★62394 8Ed. 4/28/84 — NEW EDITION — (DMAHTC) 29/84

62394 8Ed. 4/28/84 LAST NM 29/84
Add — Stranded wreck (conspic) (PA) — (24(1547)84 Taunton) 33/84
27°06'37"N 56°16'41"E

62394 8Ed. 4/28/84 LAST NM 33/84
Add — Depths 11.5 meters "Rep (1973)" — (MCNM7749/86) 18/86
9 meters "Rep (1973)" — 26°59'13"N 56°17'40"E
27°04'04"N 56°15'00"E

62394 8Ed. 4/28/84 LAST NM 18/86
Relocate — Stranded wreck (conspic) (PA) — (8(613)87 Taunton) 18/87
close NNE to — 27°06'54.5"N 56°16'47.0"E

62394 8Ed. 4/28/84 LAST NM 18/87
Add — Depths 14.6 meters — (BA CH 3599) 19/88
12.8 meters — 27°02'20"N 56°19'54"E
10.9 meters — 27°03'42"N 56°17'00"E
14.9 meters — 27°05'12"N 56°12'39"E
10.6 meters — 27°03'00"N 56°12'42"E
27°07'28"N 56°10'20"E

★62396 4Ed. 4/28/84 — NEW EDITION — (DMAHTC) 32/84

62396 4Ed. 4/28/84 LAST NM 32/84
Delete — Light — (BA CH 3452) 18/87
Stranded wreck "Uncov" — 26°22'01"N 56°21'33"E
26°21'54"N 56°21'41"E

Add — Light VQ (PA)
Stranded wreck "Dries 4m" — 26°21'53"N 56°21'39"E
26°21'52"N 56°21'40"E

Depths 9.1 meters — 26°22'32"N 56°22'54"E
20.1 meters — 26°22'39"N 56°23'14"E

Dangerous submerged rock — 26°21'36"N 56°23'14"E

62396 4Ed. 4/28/84 LAST NM 18/87
Add — Light Q 2m Ra Ref — (6/87 Oman) 32/87
26°22'02.1"N 56°21'44.9"E

62396 4Ed. 4/28/84 LAST NM 32/87
Add — Purple heavy solid lines between — (MCNM8068/88) 11/88
26°19'00"N 56°31'21"E
between — 26°22'03"N 56°33'00"E
26°20'24"N 56°16'30"E
Legends "Inshore Traffic Zone — 26°24'45"N 56°19'30"E
CAUTION NO 3"
26°21'45"N 56°18'33"E
26°21'06"N 56°31'30"E
26°24'18"N 56°25'00"E

Caution No. 3 to cautions note
"3. The area between the Musandam Peninsula Coast and the landward boundary of the traffic separation scheme is designated an Inshore Traffic Zone (see chart 62392). Mariners are warned that the Inshore Traffic Zone is only to be used by vessels under 20 meters in length and sailing vessels."

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62396 4Ed. 4/28/84 LAST NM 11/88
Add — Depths 42 meters — 26°15'00"N 56°27'00"E
49 meters — (BA CH 3452) 19/89
49 meters — 26°22'51"N 56°23'44"E
57 meters — 26°23'03"N 56°23'50"E
26°23'22"N 56°23'49"E
26°23'33"N 56°23'47"E

62400 14Ed. 3/22/86 — NEW EDITION — (DMAHTC; BA CH 3734) 24/86
Substitute — Depth 15.9 meters for 5.9 meters — 24°42.6'N 53°25.8'E
Add — Light flare symbol to buoy — 24°59.0'N 54°30.5'E

62400	14Ed. 3/22/86 LAST	NM 24/86		(18(1328)86 Taunton) 25/86
	Add	Depths 10.6 meters "Rep (1986)"		24°52.6'N 53°58.6'E
		11.6 meters "Rep (1986)"		24°51.2'N 54°00.2'E
		11.8 meters "Rep (1986)"		24°39.3'N 54°13.9'E
62400	14Ed. 3/22/86 LAST	NM 25/86		(29(2096)86 Taunton) 35/86
	Add	Depth 10.5 meters "Rep (1986)" (PA)		24°38.4'N 54°15.1'E
		Legend "PA" to depth 11.8 meters		24°39.3'N 54°13.9'E
		(See 25/86-62400)		
62400	14Ed. 3/22/86 LAST	NM 35/86		(41(2986)86 Taunton) 49/86
	Add	Depths 11 meters "Rep (1986)"		24°47.2'N 53°59.2'E
		11.1 meters "Rep (1986)"		24°46.4'N 53°57.8'E
62400	14Ed. 3/22/86 LAST	NM 49/86		(51/86 Bahrain) 50/86
	Add	Submarine pipelines joining		25°01.5'N 55°04.5'E
				25°10.0'N 55°01.3'E
				25°10.5'N 55°01.0'E
				25°16.5'N 54°54.2'E
				25°21.0'N 54°30.0'E
				25°21.0'N 54°29.3'E
			joining	25°21.0'N 54°29.6'E
				25°22.2'N 54°28.6'E
				25°28.0'N 54°27.6'E
		Legend		
		"GAS (CAUTION NO 1)" between		25°18.9'N 54°39.1'E
				25°17.8'N 54°44.4'E
62400	14Ed. 3/22/86 LAST	NM 50/86		(61/86 Bahrain) 3/87
	Add	Depth 12 meters Wk marked close N by buoy, BRB, pillar, double ball topmark, Fl(2) 3s		25°04.8'N 54°46.1'E
62400	14Ed. 3/22/86 LAST	NM 3/87		(49(3601, 3602)86 Taunton) 4/87
	Delete	Depth 24.5 meters		24°55.00'N 54°21.30'E
	Add	Depths 6.6 meters		24°40.58'N 53°46.73'E
		13.2 meters		24°44.02'N 58°55.08'E
		8 meters		24°45.78'N 53°58.62'E
		9.2 meters		24°41.80'N 53°47.50'E
		10.9 meters		24°49.77'N 54°08.12'E
		18.6 meters		24°51.43'N 54°11.83'E
		22.5 meters		24°52.90'N 54°15.48'E
		24.5 meters		24°53.68'N 54°17.37'E
		24 meters		24°54.45'N 54°19.30'E
		21.5 meters		24°55.20'N 54°21.28'E
		22 meters		24°55.72'N 54°22.51'E
		25 meters "Rep (1986)"		25°26.00'N 53°37.70'E
		25 meters "Rep (1986)"		25°25.05'N 53°46.75'E
62400	14Ed. 3/22/86 LAST	NM 4/87		(45(3818)86 Brest) 7/87
	Add	Depth 20 meters		25°11.5'N 53°57.8'E
62400	14Ed. 3/22/86 LAST	NM 7/87		(MCNM7900/87) 9/87
	Add	Depth 23.5 meters (PA)		25°14.6'N 53°24.2'E
62400	14Ed. 3/22/86 LAST	NM 9/87		(49(3601)86, 7(524)87 Taunton) 14/87
	Delete	Depth 32 meters		25°14.3'N 53°24.2'E
	Substitute	Depth 22.5 meters for 23.5 meters (PA) (Cancels 9/87-62400)		25°14.6'N 53°24.2'E
	Add	Depth 13.2 meters (See 4/87-62400)		24°44.02'N 53°55.08'E
62400	14Ed. 3/22/86 LAST	NM 14/87		(50(3418)86 Brest) 16/87
	Add	Depths 19.9 meters		25°13.4'N 54°06.7'E
		19.9 meters		25°14.4'N 54°07.4'E
62400	14Ed. 3/22/86 LAST	NM 16/87		(18/87 Bahrain) 18/87
	Add	Dangerous wreck		25°16.3'N 55°08.4'E
62400	14Ed. 3/22/86 LAST	NM 18/87		(17/87 Bahrain) 20/87
	Delete	Racon from light		25°13.6'N 55°17.3'E
62400	14Ed. 3/22/86 LAST	NM 20/87		(13(1013, 1014, 1017)87 Taunton) 22/87
	Delete	Depth 4.3 meters		24°51.1'N 53°42.8'E

(continued on next page)

62400	(Continued)		
	Add	Depths 19 meters Wk (unsurveyed)	22/87 25°27'38"N 54°17'42"E
		2.1 meters, coral	24°51'08"N 53°43'03"E
		18.5 meters	25°03'06"N 54°05'54"E
		21.5 meters	25°06'40"N 53°36'27"E
62400	14Ed. 3/22/86 LAST NM 22/87		
	Relocate	Buoy (24°59.0'"N 54°30.5'E) to	(BA CH 3752) 27/87 24°59'03"N 54°29'36"E
	Add	Dangerous wreck (PA)	24°43'06"N 54°30'03"E
62400	14Ed. 3/22/86 LAST NM 27/87		
	Add	Depth 19.8 meters Wk	(56/87 Bahrain) 42/87 25°24'07"N 54°36'47"E
62400	14Ed. 3/22/86 LAST NM 42/87		
	Add	Stranded wreck (PA) marked close N by buoy, BRB, pillar, double ball topmark, Fl(2) 3s	(78/87 Bahrain) 5/88 25°07.2'N 54°51.9'E
62400	14Ed. 3/22/86 LAST NM 5/88		
	Add	Stranded wreck (PA)	(MCNM8071/88) 12/88 25°15.6'N 54°59.4'E
62400	14Ed. 3/22/86 LAST NM 12/88		
	Substitute	Depth 2 meters Wk marked close N by buoy BRB, pillar, double ball topmark, Fl(2) 3s for stranded wreck (PA) (Supersedes 12/88-62400)	(16/88 Bahrain) 13/88 25°15.6'N 54°59.4'E
62400	14Ed. 3/22/86 LAST NM 13/88		
	Delete	Depth 2 meters Wk and buoy (See 13/88-62400)	(19/88 Bahrain) 18/88 25°15.6'N 54°59.4'E
	Add	Depth 2 meters Wk marked close N by buoy BY, pillar, double cone topmark points upward, Q Racon	25°16'00"N 54°59'11"E
62400	14Ed. 3/22/86 LAST NM 18/88		
	Delete	Stranded wreck (PA) and buoy (Supersedes 5/88-62400)	(9(730)88 Taunton) 21/88 25°07.2'N 54°51.9'E
62400	14Ed. 3/22/86 LAST NM 21/88		
	Delete	Racon from buoy (See 18/88-62400)	(44/88 Bahrain; 16(1213)88 Taunton) 32/88 25°16.0'N 54°59.2'E
	Add	Depths 15.8 meters	25°25.6'N 55°19.7'E
		12.2 meters "Rep (1983)"	25°24.4'N 55°19.8'E
62400	14Ed. 3/22/86 LAST NM 32/88		
	Add	Depth 21.5 meters	(37(2775)88 Taunton) 46/88 25°04.6'N 53°34.9'E
62400	14Ed. 3/22/86 LAST NM 46/88		(MCNM8083/88; BA CH 3716; 67/88 Bahrain) 2/89
	Delete	Buoys "1"	24°58.5'N 53°42.4'E
		"2"	24°56.4'N 53°50.3'E
		"3"	24°48.9'N 53°50.0'E
		"4"	24°43.5'N 53°45.7'E
		"5"	24°43.2'N 53°35.4'E
		"6"	24°44.0'N 53°29.5'E
		"7"	24°46.7'N 53°23.8'E
		"8"	24°54.6'N 53°20.4'E
		"9"	24°58.4'N 53°20.5'E
		"10"	25°00.0'N 53°24.3'E
		"11"	24°59.4'N 53°33.5'E
	Change	Period of buoy to 5s	24°26.7'N 53°25.2'E
		Note to "OIL FIELDS Numerous structures usually carrying navigational aids, other unlit objects, submarine pipelines and submerged obstructions sometimes marked by buoys, exist in the oil field areas shown on this chart. These features are not all charted. Particular caution should be exercised by all vessels navigating in the vicinity of oil fields."	24°14.0'N 54°43.0'E

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(Continued on next page)

62400 (Continued)

Add	Legends "(see Note)"		2/89
		25°21.8'N 54°26.5'E	
		25°11.0'N 53°20.5'E	
		24°50.4'N 53°36.6'E	
		24°28.8'N 53°46.2'E	
		24°38.3'N 54°07.6'E	
	(Plan)		
Add	Legend "(see Note)"		
		25°50'24"N 55°12'30"E	

62400 14Ed. 3/22/86 LAST NM 2/89

Add	Submarine cable joining		(BA CH 2889) 5/89
		24°29.0'N 54°20.8'E	
		24°28.7'N 54°19.7'E	
		24°31.3'N 54°13.4'E	
		24°37.3'N 54°13.4'E	
		24°41.3'N 54°10.6'E	
		24°42.2'N 54°06.9'E	
		24°47.7'N 53°58.3'E	
		24°55.8'N 53°56.2'E	
		25°07.7'N 53°35.5'E	
		25°20.8'N 53°22.3'E	
		25°21.0'N 53°20.0'E	

62400 14Ed. 3/22/86 LAST NM 5/89

Delete	Racons from platform "PW 147" "PS 85"		(50(3733)88 Taunton) 10/89
		24°58.2'N 53°21.2'E	
		24°44.2'N 53°44.9'E	

62400 14Ed. 3/22/86 LAST NM 10/89

Change	Legend to "Dredged to 15m (1982)"		(BA CH 2889, 3711, 3739) 14/89
		25°04.2'N 55°00.0'E	
	Light to 3 (AERO) Oc R 3s 20M and delete purple circle	25°01.2'N 55°04.4'E	
	Characteristic of light to VQG		
		25°16.8'N 55°15.9'E	
Add	Visibility (range) to lights 8M 8M		
		25°01.2'N 55°02.3'E	
		25°01.2'N 55°02.6'E	
	Light Al WR 2s 8M		
	Pilot station symbol	24°59.4'N 55°01.4'E	
		25°18.4'N 55°16.0'E	
	(Plan)		
Delete	Racon from position circle "Baraka 1 Storage Tanker"		
		25°40'42"N 55°11'46"E	
Add	Light flare symbol to buoy		
		25°49'20"N 55°10'43"E	

62400 14Ed. 3/22/86 LAST NM 14/89

Delete	Buoys		(BA CH 3733) 19/89
		24°56.7'N 53°29.0'E	
		24°56.0'N 53°40.8'E	
		24°49.3'N 53°28.1'E	
	Danger circles "Well"		
		25°57.7'N 53°44.2'E	
		24°55.5'N 53°48.8'E	
		24°56.1'N 53°43.3'E	
		24°55.9'N 53°40.7'E	
		24°55.2'N 53°27.0'E	
		24°51.7'N 53°23.2'E	
		24°53.0'N 53°31.5'E	
	Danger circle "Obstr"		
		24°49.2'N 53°27.9'E	
	Depth 15 meters Well		
	Position circle "Pipe"	24°54.0'N 53°33.9'E	
		24°56.7'N 53°28.9'E	
Add	Danger circle "Obstr"		
		24°52.5'N 53°29.0'E	

62400 14Ed. 3/22/86 LAST NM 19/89

Substitute	Depth 18.5 meters Wk for 19.8 meters Wk		(12(963), 14(1106)89 Taunton) 24/89
		25°24.1'N 54°36.8'E	
Add	Dangerous wreck		
		25°21.1'N 55°18.1'E	

★62401 7Ed. 8/11/84 NEW EDITION (DMAHTC) 41/84

62401 7Ed. 8/11/84 LAST NM 41/84

Add — Platforms each with light flare symbol "AZ11" "AZ17" — (DMAHTC; 17(1140)85 Taunton) 6/86

Submarine pipeline between — 24°36.70'N 52°33.30'E
24°38.25'N 52°33.70'E

Purple composite line (restricted area) joining — 24°38.25'N 52°33.70'E
24°39.15'N 52°33.40'E

24°50.2'N 52°29.0'E
24°36.9'N 52°29.0'E
24°36.6'N 52°34.8'E
24°43.5'N 52°37.4'E
24°50.2'N 52°37.4'E
24°50.2'N 52°29.0'E

Legend "ARZANAH OILFIELD (Restricted Area - see Note)" — 24°41.7'N 52°31.5'E

Note upper left margin of chart
"RESTRICTED AREA - ARZANAH OILFIELD
Only vessels under compulsory pilotage navigating to and from the Oil Loading Terminal, and other vessels as approved by the Arzanah Island Harbor Master, may enter the Restricted Area."

62401 7Ed. 8/11/84 LAST NM 6/86

Add — Platforms with light flare symbol — (BA CH 3951) 29/86
24°41'51"N 52°33'12"E
24°42'48"N 52°35'23"E
24°41'30"N 52°34'40"E
24°40'45"N 52°35'15"E
24°40'08"N 52°34'50"E
24°39'40"N 52°33'55"E

Submarine pipeline between — 24°41'41"N 52°34'00"E
24°42'21"N 52°34'42"E

Light flare symbol to platforms — 24°42'21"N 52°34'42"E
24°40'53"N 52°34'00"E
24°43'57"N 52°35'05"E

Anchorage symbol (large vessels) — 24°46'10"N 52°27'00"E

62401 7Ed. 8/11/84 LAST NM 29/86

Delete — Position circle "Radio Mast (198)" Light and sector limits — (13(1015)87 Taunton) 20/87
24°53.0'N 53°04.0'E
24°53.1'N 53°04.2'E

Add — Light Fl 10s 119m 22M with legend "Radio Mast" — 24°52'53"N 53°04'04"E

62401 7Ed. 8/11/84 LAST NM 20/87

Add — Platform — (56/86, 43/87 Bahrain; 49(3603)86 Taunton) 33/87
24°51'39"N 53°02'37"E

"Restricted Area" bound by purple composite-line circle, radius 0.5 mile, centered on above platform

Submarine pipelines joining — 24°52'09"N 53°04'14"E
24°51'45"N 53°02'56"E
24°51'44"N 53°01'35"E
24°57'00"N 52°52'55"E

24°55'35"N 52°40'00"E
24°54'36"N 52°35'15"E
24°56'04"N 52°33'50"E
24°55'16"N 52°33'14"E

Legends "Oil (see Note)" — 24°54'12"N 52°57'42"E
24°55'12"N 52°37'27"E

Note in upper right margin of chart
"PIPELINES
Attention is called to the fact that in many cases pipelines are not buried and charted depths may be decreased by up to two meters. In addition gas pipelines contain flammable natural gas

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(continued on next page)

READEX FICHE best copy available

62401	(Continued)		
	Add	under high pressure. Any ship damaging a line could face an immediate fire hazard. Vessels are requested not to anchor or trawl in the vicinity of pipelines."	33/87
62401	7Ed. 8/11/84 LAST	NM 33/87	(53/87 Bahrain) 38/87
	Add	Depth 13 meters "Rep (1987)"	24°36'10"N 52°35'55"E
62401	7Ed. 8/11/84 LAST	NM 38/87	(31(2345)87 Taunton) 40/87
	Change	Designation of buoy to "WM4"	24°40.2'N 52°56.2'E
	Add	Danger circle "Well"	24°40'06"N 52°56'28"E
62401	7Ed. 8/11/84 LAST	NM 40/87	(10(767)88 Taunton; BA CH 3779) 22/88
	Add	Buoys BRB, pillar, double ball topmark, Fl(2) 10s	24°28'52"N 52°27'14"E
		RW, pillar, ball topmark, L Fl 10s	24°28'08"N 52°24'19"E
		G, conical, cone topmark QG	24°28'35"N 52°21'43"E
		R, can, can topmark, QR	24°28'10"N 52°21'38"E
		Buoy (mooring) Fl 2s with legend "(3 buoys)"	24°28'17"N 52°19'52"E
		Legends "Petty Patches"	24°29'06"N 52°27'54"E
		"Oil (see Note)"	24°28'34"N 52°19'34"E
		Submarine pipeline between	24°28'17"N 52°19'52"E 24°28'37"N 52°19'12"E
62401	7Ed. 8/11/84 LAST	NM 22/88	(BA CH 2889) 47/88
	Relocate	Buoy close W to	24°30'06"N 52°41'40"E
62401	7Ed. 8/11/84 LAST	NM 47/88	(40(2992)88 Taunton) 52/88
	Add	R Bn (AERO)	24°51'46"N 53°04'48"E
62401	7Ed. 8/11/84 LAST	NM 52/88	(BA CH 3950, 2889, 3779) 14/89
	Add	Depth 18.3 meters	24°55'44"N 52°18'36"E
		Pilot station symbol	24°32'45"N 52°26'37"E
		Platform "HD3" with light flare symbol	24°30'34"N 52°26'28"E
62401	7Ed. 8/11/84 LAST	NM 14/89	(BA CH 3778) 18/89
	Add	Depth 11.6 meters	24°43'03"N 52°43'07"E
		Dangerous wreck	24°56'08"N 52°52'05"E

★**62402**	6Ed. 7/28/84	NEW EDITION	(DMAHTC) 1/85
	Add	Depth 7.1 meters (Previously published 43/84)	25°26'30.2"N 51°35'26.0"E
	Delete	Legend "Fl(2) 20s" and light flare and light dot close E	25°09'22"N 51°57'20"E
62402	6Ed. 7/28/84 LAST	NM 1/85	(21/86 Bahrain) 18/86
	Change	Characteristic of lightship "Doha" to Mo(D) 12s	25°16.8'N 51°41.5'E
62402	6Ed. 7/28/84 LAST	NM 18/86	(21/86 Bahrain) 27/86
	Change	Visibility (range) of lightship "Doha" to 8M	25°16.8'N 51°41.5'E
62402	6Ed. 7/28/84 LAST	NM 27/86	(35(2658)87 Taunton) 43/87
	Add	Legends "Less Water-Least depth rep 8.7m"	25°29'06"N 51°57'03"E
		"Less Water-Least depth rep 8.8m"	25°29'26"N 51°50'53"E
62402	6Ed. 7/28/84 LAST	NM 43/87	(46(3478)87 Taunton) 1/88
	Change	Legend to "Least depth 7.8m (1982)"	25°18.7'N 51°37.7'E
62402	6Ed. 7/28/84 LAST	NM 1/88	(34(2601)88 Taunton) 43/88
	Delete	Bn	25°09.0'N 51°36.7'E

★62403	3Ed. 8/4/84	NEW EDITION	(DMAHTC; BA CH 3713) 41/84
	Add	Submarine pipeline joining	24°37.16'N 54°07.00'E
			24°36.80'N 54°08.41'E
			24°36.58'N 54°08.71'E
			24°36.52'N 54°09.12'E
		(Previously published 36/84)	
	Delete	Buoy	24°31.85'N 54°23.30'E
	Change	Legend to "Dredged to 11m (1983)"	24°31.70'N 54°23.90'E
		Line 5 of cautions note to "lights, and other obstructions exist in the area enclosed by dashed"	24°45.00'N 54°51.00'E
62403	3Ed. 8/4/84 LAST NM 41/84		(44/83 Bahrain; 30(1978)85 Taunton) 38/85
	Delete	Purple dashed line (Umm Ad Dalkh Oil Field limits) in vicinity	24°34.0'N 54°10.0'E
	Add	Special buoys: each Y, pillar, "X" topmark, Fl Y 4s	
		"U-1"	24°41'06"N 54°10'03"E
		"U-2"	24°37'06"N 54°13'03"E
		"U-3"	24°32'06"N 54°13'03"E
		"U-4"	24°27'06"N 54°13'03"E
		"U-5"	24°27'06"N 54°08'45"E
		Platform (lighted) Mo(U) "Central Production Complex (R Lts)"	24°36'28"N 54°09'01"E
		Purple dashed line (oil field limits) joining	24°41'06"N 54°07'00"E
			24°41'06"N 54°10'03"E
			24°37'06"N 54°13'03"E
			24°27'06"N 54°13'03"E
			24°27'06"N 54°07'00"E
62403	3Ed. 8/4/84 LAST NM 38/85		(BA LL) 8/86
		(And Plan)	
	Change	Lights to VQ(9) 10s	24°32.4'N 54°23.6'E
		Q	24°31.5'N 54°21.8'E
		(Plan)	
	Change	Period of light to 7s	24°31.9'N 54°23.4'E
62403	3Ed. 8/4/84 LAST NM 8/86		(18(1328)86 Taunton) 25/86
	Add	Depth 11.8 meters "Rep (1986)"	24°39'16"N 54°13'55"E
62403	3Ed. 8/4/84 LAST NM 25/86		(29(2096)86 Taunton) 35/86
	Add	Depth 10.5 meters "Rep (1986)" (PA)	24°38'26"N 54°15'04"E
		Legend "PA" to depth 11.8 meters (See 25/86-62403)	24°39'16"N 54°13'55"E
62403	3Ed. 8/4/84 LAST NM 35/86		(BA CH 3713, 3752) 27/87
	Delete	Legends "Wellhead"	24°32.5'N 54°08.4'E
			24°38.6'N 54°10.0'E
	Substitute	Platforms with light symbol for dangerous submerged rocks	24°32.5'N 54°08.3'E
			24°38.6'N 54°09.7'E
	Add	Note "RADIO REPORTING All vessels are required to report to Port Control or ADDCAP Base when passing the positions shown. See Sailing Directions for working details."	24°43'00"N 54°51'00"E
		Note "RECOMMENDED ANCHORAGES The recommended anchorages for vessels of draft not exceeding 9.45m is in position 24°34.9'N 54°18.2'E, and for vessels of draft more than 9.45m in position 24°40.7'N 54°14.8'E."	24°43'00"N 54°46'30"E
		Anchorage symbols (large vessels) with legend "(see Note)"	24°35'06"N 54°18'14"E
			24°40'48"N 54°14'48"E

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(Continued on next page)

62403	(Continued)		27/87
	Add	Pilot station symbol	24°36'00"N 54°18'18"E
		Calling-in point symbol with direction pointer 110°	24°36'48"N 54°16'25"E
		Calling-in point symbol with direction pointers 129°-309°	24°35'45"N 54°18'47"E
		(And Plan)	
	Add	Calling-in point symbol with direction pointer 129°	24°32'48"N 54°22'52"E
		Calling-in point symbol with direction pointers 146°-326°	24°32'11"N 54°23'26"E
		Lights Oc R 8s 7M	24°28'49"N 54°19'43"E
		Q	24°28'44"N 54°19'54"E
		Buoy "FD2" RW, pillar, ball topmark, Oc 15s	24°29'09"N 54°17'56"E
		(Plan)	
	Delete	Buoys "10"	24°31.5'N 54°24.0'E
		"1NPCC"	24°31.4'N 54°24.2'E
		"1TB"	24°31.5'N 54°24.1'E
		"5TB"	24°31.7'N 54°23.9'E
		"3"	24°32.0'N 54°23.5'E
		(undesignated)	24°30.8'N 54°21.7'E
		(undesignated) (2) in vicinity	24°30.9'N 54°21.4'E
		(mooring) (2) in vicinity	24°30.9'N 54°21.5'E
	Change	Designation of buoys "6" to "3"	24°31.8'N 54°23.9'E
		"4" to "1"	24°32.1'N 54°23.6'E
	Add	Buoys, each BY, pillar, double cone topmark points upward, Q	
		"16"	24°32'03"N 54°23'24"E
		"SW1"	24°31'17"N 54°24'02"E
		Buoys, each G, conical, Fl G 5s	
		"4"	24°31'38"N 54°23'47"E
		"6"	24°31'25"N 54°23'56"E
		Buoy "5" R, can, Fl R 5s	24°31'26"N 54°24'10"E
		Designation to buoys "5"	24°30'54"N 54°21'33"E
		"7"	24°30'42"N 54°21'49"E
		Quay berth symbol "10"	24°31'36"N 54°22'40"E
62403	3Ed. 8/4/84 LAST NM 27/87		(BA (H) 3752) 5/89
	Add	Submarine cable joining	24°28'50"N 54°20'50"E
			24°28'44"N 54°19'20"E
			24°31'16"N 54°13'12"E
			24°31'26"N 54°13'12"E
			24°41'10"N 54°10'42"E
			24°42'10"N 54°07'00"E
		(Plan)	
	Add	Submarine cable joining	24°28'50"N 54°20'50"E
			24°28'44"N 54°19'20"E
			24°29'44"N 54°17'00"E
62403	3Ed. 8/4/84 LAST NM 5/89		(66/88 Bahrain) 7/89
	Add	Lights "B-1" Fl 3M	24°36'15"N 54°19'09"E
		"B-2" Fl 3M	24°37'36"N 54°18'12"E
		"B-3" Fl 3M	24°38'16"N 54°16'39"E
		Legend "Dredging in progress (1988)" between	24°37'51"N 54°16'18"E
			24°35'54"N 54°18'45"E
62403	3Ed. 8/4/84 LAST NM 7/89		(50(52)88 Brest) 16/89
		(And Plan)	
	Delete	Floating dock	24°27'50"N 54°17'25"E
		Depth 0.2 meter	24°27'34"N 54°17'52"E
	Add	Lights VQ(9) 10s	24°28'03.5"N 54°18'07.4"E
		VQ(3) 5s	24°28'24.3"N 54°17'38.0"E

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			16/89
*62403	(Continued)		
	Add	Solid line (jetty) joining	24°27'43.3"N 54°17'31.0"E 24°28'20.0"N 54°17'31.8"E 24°28'24.3"N 54°17'38.0"E
		Dashed line (jetty extension) between	24°28'24.3"N 54°17'38.0"E 24°28'30.5"N 54°17'51.0"E
		(Plan)	
	Add	Buoys G, conical, Fl G 3s	24°28'15.6"N 54°17'47.0"E
		R, can, Fl R 3s	24°28'13.6"N 54°18'01.0"E
		Legends	
		"Beaconed channel" between	24°27'39.0"N 54°17'49.0"E 24°27'13.0"N 54°18'05.0"E
		"Dredged to 6m (1983)" between	24°27'37.0"N 54°17'40.0"E 24°27'04.0"N 54°18'03.0"E
*62404	2Ed. 9/29/84	NEW EDITION	(DMAHTC) 46/84
62404	2Ed. 9/29/84 LAST	NM 46/84	(37(2414)85 Taunton) 2/86
	Add	Chartlet depicting changes in hydrography and topography from back of Section I	24°09'27"N 52°43'54"E
62404	2Ed. 9/29/84 LAST	NM 2/86	(BA CH 3780) 6/86
	Add	Depth 14 meters	24°18'59"N 52°41'40"E
62404	2Ed. 9/29/84 LAST	NM 6/86	(47(3557)87 Taunton) 3/88
	Change	Lines 3-4 of cautions note to "2. Depths at oil loading berths 1-4 may be reduced by up to 2.5 meters due to seaboard installations. Many of the mooring and other buoys carry small lights, details of which are not shown on this chart."	24°08.5'N 52°38.0'E
62404	2Ed. 9/29/84 LAST	NM 3/88	(39(2886)88 Taunton) 49/88
	Delete	Depths 1.2 meters	24°16'18"N 52°36'34"E
		2.7 meters	24°16'20"N 52°36'42"E
		1.8 meters	24°16'08"N 52°36'40"E
		2.5 meters	24°16'07"N 52°36'46"E
		0.3 meter	24°16'11"N 52°36'24"E
	Add	Depths 6.2 meters	24°16'17"N 52°36'36"E
		3.8 meters	24°16'09"N 52°36'27"E
		6 meters	24°16'03"N 52°36'39"E
		7.8 meters	24°16'11"N 52°36'45"E
		Buoys	
		RW, spherical, L Fl 10s	24°16'00"N 52°38'20"E
		G, conical, QG	24°16'11"N 52°37'35"E
		R, can, QR	24°16'02"N 52°37'35"E
		BRB, pillar, double ball topmark, Fl(2) 10s	24°16'14"N 52°37'22"E
		YB, pillar, double cone topmark points downward, Q(6) + L Fl 10s	24°16'21"N 52°36'58"E
		BY, pillar, double cone topmark points upward, Q	24°16'09"N 52°36'53"E
		BY, pillar, double cone topmark points upward, Q	24°16'09"N 52°36'38"E
		BYB, pillar, double cone topmark bases together, Q(3) 10s	24°16'18"N 52°36'29"E
		Solid line (breakwater) joining	24°16'10"N 52°36'11"E 24°16'07"N 52°36'15"E 24°16'15"N 52°36'25"E
*62405	4Ed. 3/24/84	NEW EDITION	(DMAHTC; 34/84 Bahrain) 23/84
	Add	Racon at light	25°13'40"N 55°17'17"E
62405	4Ed. 3/24/84 LAST	NM 23/84	(47(3121)85 Taunton) 9/86
	Change	Characteristic of light to VQG	25°16'55.2"N 55°15'59.2"E

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62405	(Continued)		9/86
	Add	Range lights, each Iso 2s	
		front	25°16'25.5"N 55°16'03.6"E
		rear	25°15'38.8"N 55°16'03.6"E
		Range line extending in 000° direction from rear light dashed for 1.12 miles, thence solid for 1.6 miles	
		Legend "Lights in line 180°" along above range line	25°18'00.0"N 55°16'02.0"E
62405	4Ed. 3/24/84 LAST NM 9/86		(17/87 Bahrain) 20/87
	Delete	Racon from light	25°13'40"N 55°17'17"E
62405	4Ed. 3/24/84 LAST NM 20/87		(25(1850)87 Taunton) 40/87
	Add	Legend "Work in progress (1987)"	25°15'52"N 55°15'56"E
62405	4Ed. 3/24/84 LAST NM 40/87		(2(727)88 Hamburg) 14/88
	Add	Buoy "2A" R, can, QR	25°22'29.5"N 55°22'17.5"E
62405	4Ed. 3/24/84 LAST NM 14/88		(9(729)88 Taunton) 21/88
		(Plan)	
	Add	"Anchorage Area" bound by dashed line joining	
			25°58'42"N 56°01'52"E
			25°59'24"N 55°59'06"E
			26°01'18"N 56°02'14"E
62405	4Ed. 3/24/84 LAST NM 21/88		(BA CH 2889; 3(251, 252)89 Taunton) 14/89
	Change	Buoy "2" to "4" R, can, QR	25°22'47"N 55°22'12"E
		Designation of buoys "2A" to "6" "4" to "8"	25°22'30"N 55°22'18"E 25°22'10"N 55°22'15"E
		(See 14/88-624(5)	
	Add	Pilot station symbol	25°18'23.4"N 55°16'03.0"E
		Buoy "2" R, can, Fl R 3s	25°22'51.8"N 55°21'33.6"E
		Position circle "R Tr (73) (R Lts)"	25°14'36.6"N 55°16'20.4"E
62405	4Ed. 3/24/84 LAST NM 14/89		(12(963)89 Taunton) 24/89
	Add	Dangerous wreck	25°21'06"N 55°18'06"E

★62407	3Ed. 3/24/84	NEW EDITION	(DMAHTC) 27/84
	Change	Buoy to starboard buoy: "5", G, conical, Fl G 3s	24°38.7'N 53°31.6'E
		(Previously published 16/84)	
		(And Plan)	
	Change	Buoy "17" to starboard buoy: G, conical, Fl G 2s	24°26'06"N 53°32'59"E
		(Previously published 16/84)	
62407	3Ed. 3/24/84 LAST NM 27/84		(26(1684), 28(1815)84 Taunton) 36/84
	Add	Submarine pipeline joining	24°50'07"N 53°36'53"E
			24°49'31"N 53°36'43"E
			24°46'09"N 53°37'35"E
			24°44'05"N 53°38'08"E
			24°42'41"N 53°43'50"E
		(And Plan)	
	Relocate	Buoy "17" close SSE to and add cone topmark	24°25'54"N 53°33'01"E
		(See 27/84-62407)	
62407	3Ed. 3/24/84 LAST NM 36/84		(40(2612T)84 Taunton) 46/84
	Add	Legend "CAUTION A"	25°03.5'N 53°21.2'E
		Caution A in upper left margin of chart	
		"CAUTION A A Temporary Precautionary Area within which the Traffic Separation Scheme, including the Separation Zone, is temporarily suspended, has been established in area bound by line joining: (a) 25°06.5N 53°22.0'E (b) 25°04.0'N 53°24.3'E (c) 25°01.5'N 53°21.0'E	

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* 62407	(Continued) Add	(d) 25°04.0′N 53°18.7′E Exploratory drilling operations are in progress until further notice in 25°04.6′N 53°21.0′E within the westbound lane of the Zaqqum/Umm Shaif Traffic Separation Scheme. Vessels are advised to navigate with particular caution in this vicinity."	46/84
62407	3Ed. 3/24/84 LAST Delete	NM 46/84 Legend "CAUTION A" Caution note A in upper left center margin of chart (Supersedes 46/84-62407)	(7(490)85 Taunton) 13/85 25°03.5′N 53°21.2′E
62407	3Ed. 3/24/84 LAST Add	NM 13/85 Legend "PW 147" and Racon to platform	(30(1949)84 Taunton; 51/84 Bahrain) 19/85 24°57′52″N 53°21′12″E
62407	3Ed. 3/24/84 LAST Delete	NM 19/85 Buoys "1" "2"	(33/85 Bahrain) 26/85 24°56.7′N 53°11.0′E 24°54.7′N 53°11.0′E
62407	3Ed. 3/24/84 LAST Add	NM 26/85 Position circle "Well (lighted)"	(53/85 Bahrain) 35/85 24°25′05″N 53°22′58″E
62407	3Ed. 3/24/84 LAST Add	NM 35/85 Depth 20.8 meters Obstr	(50/85 Bahrain; 38(2528)85 Taunton) 50/85 25°04′13″N 53°32′13″E
62407	3Ed. 3/24/84 LAST Add	NM 50/85 Danger circle "Obstr"	(91/85 Bahrain) 8/86 24°52.8′N 53°12.7′E
62407	3Ed. 3/24/84 LAST Add	NM 8/86 Danger circle "Wellhead"	(37(2685)86 Taunton) 44/86 24°46.3′N 53°11.5′E
62407	3Ed. 3/24/84 LAST Add	NM 44/86 (And Plan) Buoy BRB, conical, double ball topmark, Fl(2) 10s	(31(2345)87 Taunton) 40/87 24°26′03″N 53°36′41″E
*62407	3Ed. 3/24/84 LAST Delete	NM 40/87 (And Plan) Position circle "Pipe (12)" (PA)	(MCNM8035/87) 3/88 24°26′00″N 53°34′10″E
62407	3Ed. 3/24/84 LAST Delete	NM 3/88 (And Plan) Submarine pipeline between Buoy (mooring) Legend "OIL LOADING TERMINAL"	(8(647)88 Taunton) 20/88 24°25′41″N 53°31′54″E 24°26′01″N 53°30′51″E 24°25′41″N 53°31′56″E 24°25′41″N 53°32′18″E
	Add	Superbuoy TANKER "OIL LOADING TERMINAL" RW, Fl 5s Submarine pipeline between	24°25′53″N 53°31′32″E 24°25′53″N 53°31′32″E 24°26′01″N 53°30′51″E
62407	3Ed. 3/24/84 LAST Delete	NM 20/88 Buoys "1" "5" "6" "7" "8" "9" "10" "11"	(BA CH 3716; 67/88 Bahrain) 2/89 24°58.4′N 53°42.5′E 24°43.2′N 53°35.4′E 24°44.0′N 53°29.5′E 24°46.6′N 53°23.9′E 24°54.6′N 53°20.5′E 24°58.3′N 53°20.5′E 25°00.0′N 53°24.5′E 24°59.3′N 53°33.5′E

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62407	(Continued)		2/89
	Change	Buoy to "WM-2", black and white, Fl 5s	24°26.5'N 53°25.4'E
		Legend at platforms to	
		"PC 129 Mo(U) 15s"	24°44.1'N 53°35.4'E
		"PW 130 Mo(U) 15s"	24°45.4'N 53°27.7'E
		"PW 146 Mo(U) 15s"	24°54.5'N 53°21.3'E
		"PW 147 Mo(U) 15s Racon"	24°57.9'N 53°21.2'E
		"PW 133 Mo(U) 15s"	24°56.3'N 53°29.0'E
		"PN 9 Mo(U) 15s"	24°57.5'N 53°41.6'E
	Add	Platforms, each with light flare symbols	
		"PS 84" Mo(U) 15s	24°44'02"N 53°40'42"E
		"PW 52" Mo(U) 15s	24°48'24"N 53°23'36"E
		"PC 13" Mo(U) 15s	24°56'00"N 53°34'45"E
62407	3Ed. 3/24/84 LAST NM 2/89		(50(3733)88 Taunton) 10/89
	Delete	Racon from platform "PW 147" (See 2/89-62407)	24°57.9'N 53°21.2'E
62407	3Ed. 3/24/84 LAST NM 10/89		(MCNM8083/88; BA CH 3733) 19/89
	Delete	Depths 14.3 meters	24°40.1'N 53°35.9'E
		14.9 meters	24°40.2'N 53°37.6'E
		Position circle "Pipe (16)"	24°56.5'N 53°29.0'E
		Buoys "ADMA 5"	24°55.8'N 53°40.8'E
		(undesignated)	24°49.2'N 53°28.0'E
		(undesignated)	24°56.6'N 53°29.0'E
		Danger circles "Well"	24°55.8'N 53°43.3'E
			24°55.7'N 53°40.7'E
		Danger circles "Obstr"	24°49.0'N 53°28.0'E
			24°52.8'N 53°12.7'E
	Substitute	Danger circle "Obstr" for platform with light flare symbol	24°52.5'N 53°29.0'E
	Add	Platforms	24°55'47"N 53°40'42"E
			24°49'02"N 53°27'55"E
			24°55'54"N 53°43'16"E
		Depths 18 meters	24°59'00"N 53°43'12"E
		11.4 meters	24°40'06"N 53°34'20"E
		11.8 meters	24°40'03"N 53°36'20"E
		12.6 meters	24°40'00"N 53°38'00"E
★**62408**	5Ed. 12/1/84	NEW EDITION	(DMAHTC; BA CH 3733) 15/85
	Add	Legend "Less water rep (1984)" (Previously published 6/85)	24°59.6'N 52°57.0'E
	Add	Position circle "Well" marked by buoy, pillar, Fl Y 5s	24°59.90'N 52°57.15'E
		Dangerous wreck marked by buoy, pillar, Fl Y 5s (Previously published 12/85)	25°01.60'N 52°02.45'E
	Change	Title of note to "OIL AND GAS FIELDS and last line to "buoys. Maneuvering tankers should be given a wide berth. Numerous structures usually carrying lights, other unlit objects and submerged obstructions sometimes marked by buoys, exist in the oilfield areas enclosed by dashed lines. As these features are not all charted special caution should be exercised by vessels navigation in the vicinity."	25°37.62'N 53°20.00'E

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• ★62408	(Continued) Change	Note in lower left margin of chart to "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region A. For further explanation, see annual NM1(6) and Chart No. 1."	15/85
	Add	Platform with light flare symbols	24°58.10'N 53°21.24'E 24°54.65'N 53°21.35'E 24°54.71'N 53°24.35'E 24°52.60'N 53°24.30'E 24°51.40'N 53°23.14'E
		Legends "(See Note)"	24°55.00'N 53°23.10'E 25°10.60'N 53°12.80'E 25°27.30'N 53°08.40'E 25°35.30'N 53°08.80'E
62408	5Ed. 12/1/84 LAST NM 15/85 Add	Legend "PW 147" and Racon to platform (See 15/85-62408)	(30(1949)84 Taunton; 51/84 Bahrain) 18/85 24°58.10'N 53°21.24'E
62408	5Ed. 12/1/84 LAST NM 18/85 Delete	Buoys "1" "2"	(33/85 Bahrain) 26/85 24°56.8'N 53°11.0'E 24°54.8'N 53°11.0'E
62408	5Ed. 12/1/84 LAST NM 26/85 Add	Danger circle "Obstr"	(91/85 Bahrain) 8/86 24°52.8'N 53°12.7'E
★62408	5Ed. 12/1/84 LAST NM 8/86 Add	Depth 23.5 meters (PA)	(MCNM7900/87) 9/87 25°14'36"N 53°24'12"E
62408	5Ed. 12/1/84 LAST NM 9/87 Substitute	Depth 22.5 meters for 23.5 meters (PA) (Cancels 9/87-62408)	(BA LL: 7(524)87 Taunton) 14/87 25°14'36"N 53°24'12"E
	Change	Height of light to 199m	24°53.0'N 53°04.2'E
62408	5Ed. 12/1/84 LAST NM 14/87 Delete	Position circle "R Mast (198)" Light and sector limits (See 14/87-62408)	(13(1015)87 Taunton) 20/87 24°52.9'N 53°04.2'E 24°53.0'N 53°04.2'E
	Add	Light Fl 10s 199m 22M with legend "Radio Mast"	24°52'53"N 53°04'04"E
62408	5Ed. 12/1/84 LAST NM 20/87 Delete	Buoys "ADMA 1" "ADMA 6" "ADMA 7" "ADMA 3" "ADMA 8"	(35(2630)87 Taunton) 43/87 25°19.4'N 53°15.5'E 25°15.1'N 53°18.4'E 25°08.0'N 53°13.1'E 25°09.0'N 53°09.2'E 25°17.2'N 53°10.1'E
		Platforms	25°17.7'N 53°15.0'E 25°16.9'N 53°14.8'E 25°11.7'N 53°16.8'E 25°08.3'N 53°12.5'E 25°11.5'N 53°08.9'E 25°11.8'N 53°08.6'E 25°12.1'N 53°13.2'E
		Light at platforms	25°17.9'N 53°14.4'E 25°14.7'N 53°16.2'E 25°12.0'N 53°16.8'E 25°08.2'N 53°12.9'E 25°11.0'N 53°08.8'E 25°13.8'N 53°10.3'E 25°16.8'N 53°11.8'E
		Platforms (4) in vicinity	25°11.8'N 53°12.9'E

SUBREGION 62

(Continued on next page)

62408	(Continued)		43/87
	Delete	Legends "US28"	25°12.1'N 53°17.1'E
		"US27"	25°08.2'N 53°12.7'E
		"US 7"	25°11.1'N 53°08.6'E
		"US18"	25°13.8'N 53°10.1'E
	Relocate	Platforms close F to	25°09'17"N 53°12'49"E
		close SE	25°10'11"N 53°09'43"E
		close W	25°15'57"N 53°12'27"E
		close SSE	25°09'02"N 53°10'58"E
	Substitute	Platforms with light flare symbol for danger circles "Well"	
		"US82"	25°19.3'N 53°15.4'E
		"US81"	25°15.2'N 53°18.2'E
		"US86"	25°07.8'N 53°12.9'E
		"US83"	25°08.8'N 53°09.1'E
		"US84"	25°17.3'N 53°09.8'E
	Add	Platforms	25°16'40"N 53°14'00"E
			25°15'16"N 53°13'56"E
			25°13'44"N 53°14'25"E
			25°13'16"N 53°15'29"E
			25°12'08"N 53°16'12"E
			25°11'00"N 53°10'23"E
			25°10'08"N 53°11'28"E
			25°14'09"N 53°11'46"E
			25°11'17"N 53°13'31"E
			25°11'43"N 53°12'50"E
		Light flare symbol and designation to platforms	
		"US71"	25°18'57"N 53°13'04"E
		"US89"	25°15'35"N 53°08'44"E
		Platforms with light flare symbol	
		"US177"	25°16'55"N 53°16'20"E
		"US161"	25°12'12"N 53°18'12"E
		"US101"	25°09'24"N 53°15'31"E
		"US180"	25°07'04"N 53°10'42"E
		"US112"	25°11'44"N 53°07'25"E
62408	5Ed. 12/1/84 LAST NM 43/87		(49(3703)87 Taunton) 4/88
	Substitute	Danger circle "Obstr" for light	25°08.5'N 52°53.4'E
62408	5Ed. 12/1/84 LAST NM 4/88		(24/88 Bahrain) 19/88
	Add	Wreck (PA)	25°29'30"N 52°52'30"E
★**62408**	5Ed. 12/1/84 LAST NM 19/88		(MCNM5105/88) 25/88
	Add	Legend "Reported destroyed (1988)" to platform	25°32'22"N 53°09'05"E
62408	5Ed. 12/1/84 LAST NM 25/88		(17(1266), 21(1613)88 Taunton) 32/88
	Substitute	Depth 18 meters for 18.9 meters	25°31.7'N 53°08.2'E
	Add	Legend "Less water rep (1988)"	25°00.5'N 52°54.5'E
62408	5Ed. 12/1/84 LAST NM 32/88		(40(2992)88 Taunton) 52/88
	Add	R Bn (AERO)	24°51'46"N 53°04'48"E
62408	5Ed. 12/1/84 LAST NM 52/88		(67/88 Bahrain) 2/89
	Delete	Buoys "10"	25°00.1'N 53°24.5'E
		"9"	24°58.4'N 53°20.5'E
		"8"	24°54.6'N 53°20.5'E
62408	5Ed. 12/1/84 LAST NM 2/89		(BA CH 2889) 5/89
	Add	Submarine cable joining	25°17'39"N 53°26'10"E
			25°21'08"N 53°22'10"E
			25°22'03"N 53°13'01"E
			25°21'12"N 53°10'42"E
			25°23'24"N 53°00'06"E
			25°32'15"N 52°50'00"E
62408	5Ed. 12/1/84 LAST NM 5/89		(50(3733)88 Taunton) 10/89
	Delete	Racon from platform "PW 147"	24°58.1'N 53°21.2'E
62408	5Ed. 12/1/84 LAST NM 10/89		(56/86, 43/87 Bahrain; BA CH 3778) 18/89
	Substitute	Swept depth 23 meters Wk for dangerous wreck and delete buoy	25°01.6'N 53°02.4'E

(continued on next page)

62408	(Continued)		18/89
	Add	Platform with light flare symbol and "Restricted Area" bound by purple composite-line circle, radius 0.5 mile, centered	24°51'33"N 53°02'34"E
		Submarine pipelines between	24°52'00"N 53°04'13"E 24°51'33"N 53°02'34"E
		joining	24°51'38"N 53°02'56"E 24°52'29"N 53°01'46"E 24°57'53"N 52°51'00"E 24°57'39"N 52°50'00"E
		Legend "Oil (see Note)"	24°55'09"N 52°56'38"E
		Note in upper right margin of chart "PIPELINES Attention is called to the fact that in many cases pipelines are not buried and charted depths may be decreased by up to two meters. In addition gas pipelines contain flammable natural gas under high pressure. Any ship damaging a line could face an immediate fire hazard. Vessels are requested not to anchor or trawl in the vicinity of pipelines."	
62408	5Ed. 12/1/84 LAST NM 18/89		(BA CH 3733) 19/89
	Delete	Danger circle "Obstr"	24°52.8'N 53°12.7'E
★62409	3Ed. 3/16/85	NEW EDITION	(DMAHTC: NVS6577/82) 22/85
	Change	Note in upper right margin of chart to "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region A. For further explanation, see annual NM 1(6) and Chart No. 1."	
62409	3Ed. 3/16/85 LAST NM 22/85		(27(1790)85 Taunton) 35/85
		(Plan B)	
	Add	Buoys (mooring), each (PA)	
		"No 1"	25°19'29"N 51°34'45"E
		"No 2"	25°19'29"N 51°34'34"E
		"No 3"	25°19'29"N 51°34'23"E
62409	3Ed. 3/16/85 LAST NM 35/85		(21/86 Bahrain) 18/86
		(Plan B)	
	Change	Characteristic of lightship "Doha" to Mo(D) 12s	25°16'54"N 51°41'33"E
62409	3Ed. 3/16/85 LAST NM 18/86		(5(352, 353)86 Taunton) 19/86
		(Plan A)	
	Change	Characteristic of buoys (mooring), each to Mo(U) 20 s	
		"SBM"	25°38'48"N 52°26'24"E
		"SBM2"	25°38'31"N 52°27'40"E
	Add	Danger circle "Well"	25°41'13"N 52°25'47"E
62409	3Ed. 3/16/85 LAST NM 19/86		(21/86 Bahrain) 27/86
		(Plan B)	
	Change	Visibility (range) of lightship "Ad Dawhah" to 8M	25°16.9'N 51°41.5'E
62409	3Ed. 3/16/85 LAST NM 27/86		(46(3478)87 Taunton) 1/88
		(Plan B)	
	Change	Legend to "Least depth 7.8m (1982)"	25°18'38"N 51°37'42"E
62409	3Ed. 3/16/85 LAST NM 1/88		(BA CH 3950) 14/89
	Add	Depth 14.6 meters Well	25°41'46.9"N 52°25'58.1"E

62409	3Ed. 3/16/85 LAST NM 14/89		(BA CH 3786) 18/89
		(Plan B)	
	Delete	Buoy	25°19'40"N 51°32'54"E
	Add	Light Q(3) G 5s	25°19'39"N 51°32'52"E

★62410	11Ed. 2/22/86	NEW EDITION	(DMAHTC: 5(352-354)86 Taunton) 19/86
	Add	"OIL FIELD CAUTION NO 1"	
		area bound by dashed line joining	26°41.0'N 51°15.5'E
			26°54.1'N 51°22.6'E
			26°35.2'N 52°11.0'E
			26°22.0'N 52°05.2'E
		"OIL FIELD CAUTION NO 1"	
		area bound by shore and dashed line joining	26°09.6'N 51°15.0'E
			26°30.7'N 51°18.0'E
			26°15.4'N 51°56.5'E
			26°05.1'N 51°47.0'E
			26°05.1'N 51°21.4'E
		(Previously published 12/86)	
	Add	Stranded wreck	25°19.8'N 52°26.6'E
		(Previously published 17/86)	
	Change	Characteristic of buoys (mooring), each to Mo(U) 20s	
		"1"	25°38.8'N 52°26.0'E
		"2"	25°38.4'N 52°27.5'E
	Add	Danger circles "Well"	25°41.2'N 52°25.7'E
			25°25.4'N 52°25.2'E
			25°30.7'N 52°45.1'E
			25°39.5'N 52°51.1'E
			25°43.1'N 52°40.0'E
			25°49.2'N 52°36.8'E
			26°01.3'N 51°36.9'E
			25°30.9'N 51°56.3'E
			25°57.4'N 52°26.3'E
		Dotted-line circles "Well"	26°16.6'N 52°29.1'E
			26°58.8'N 51°28.7'E
62410	11Ed. 2/22/86 LAST NM 19/86		(89/85 Bahrain) 25/86
	Add	Racon at light "Sitra 3"	26°28.6'N 50°57.3'E
62410	11Ed. 2/22/86 LAST NM 25/86		(BA RA) 33/86
	Delete	Racon from light "Sitra 3"	26°28.6'N 50°57.3'E
		(Supersedes 25/86-62410)	
62410	11Ed. 2/22/86 LAST NM 33/86		(31/86 Bahrain) 34/86
	Add	Dangerous wreck marked by buoy, white, Fl 3s	26°14.1'N 50°47.5'E
62410	11Ed. 2/22/86 LAST NM 34/86		(47/86 Bahrain) 41/86
	Delete	Dangerous wreck and buoy	26°14.1'N 50°47.5'E
		(Supersedes 34/86-62410)	
	Add	Dangerous wreck marked close W by buoy, YBY, pillar, double cone topmark points together	26°13.9'N 50°47.7'E
★62410	11Ed. 2/22/86 LAST NM 41/86		(MCNM7879/87) 5/87
	Add	Position circle "Pipe (1.2m above surface)"	26°11.5'N 52°58.3'E
62410	11Ed. 2/22/86 LAST NM 5/87		(24(611)86 Dehra Dun) 11/87
	Substitute	Depth 5 meters "Rep (1986)" for 5.5 meters "Rep (1977)"	26°24.7'N 50°56.8'E
62410	11Ed. 2/22/86 LAST NM 11/87		(5(356)87 Taunton) 12/87
	Substitute	Depth 13.1 meters Well for danger circle "Well" (See 19/86-62410)	26°01.3'N 51°36.9'E
62410	11Ed. 2/22/86 LAST NM 12/87		(3(208)87 Taunton) 15/87
	Substitute	Depth 15.8 meters Well for danger circle "Well" (See 19/86-62410)	25°30.9'N 51°56.3'E

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			15/87
62410	(Continued) Add	Depths 2.4 meters Well	25°49.2'N 51°41.4'E
		1.2 meters Well	25°47.3'N 51°39.8'E
62410	11Ed. 2/22/86 LAST NM 15/87 Add	Depth 23 meters	(16, 21, 29/87 Bahrain; 10(766)87 Taunton) 22/87 25°52.9'N 52°20.7'E
		Buoys, yellow, Fl Y	26°31.3'N 51°59.0'E
		white, Fl(3) 5s	26°03.5'N 51°33.8'E
62410	11Ed. 2/22/86 LAST NM 22/87 Add	Calling-in point symbol with direction pointer 272°	(BA CH 3788) 25/87 27°07'45"N 50°57'35"E
		Note "RADIO REPORTING POINTS All vessels are required to communicate with Ra's Tannurah Port Radar when passing the points indicated. See Sailing Directions."	25°56'00"N 51°15'00"E
62410	11Ed. 2/22/86 LAST NM 25/87 Delete	Buoy Note: Dangerous wreck remains (See 41/86-62410)	(36, 37/87 Bahrain) 27/87 26°13.9'N 50°47.7'E
	Add	Dangerous wreck	25°58.0'N 51°59.9'E
		Buoy BY, pillar, double cone topmark points upward, Q	25°58.5'N 51°59.9'E
		Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s	25°57.5'N 51°59.9'E
62410	11Ed. 2/22/86 LAST NM 27/87 Add	Depth 12.6 meters "Rep (1987)"	(26(1929)87 Taunton) 40/87 26°46'22"N 51°06'02"E
62410	11Ed. 2/22/86 LAST NM 40/87 Add	Dangerous wreck (PA)	(34(2589)87 Taunton) 42/87 25°33'48"N 52°26'12"E
62410	11Ed. 2/22/86 LAST NM 42/87 Add	Depths 16 meters	(35(2658)87 Taunton) 43/87 25°40'56"N 52°06'21"E
		13 meters	25°43'00"N 51°56'16"E
		16 meters	25°50'52"N 52°19'41"E
		13 meters	25°54'13"N 52°03'26"E
		8.2 meters	25°56'29"N 51°53'00"E
		16 meters	25°59'34"N 52°12'36"E
		19 meters	26°21'47"N 51°50'32"E
		Legends "Less Water-Least depth rep 14m"	25°26'24"N 52°03'33"E
		"Less Water-Least depth rep 8.7m"	25°29'06"N 51°57'03"E
		"Less Water-Least depth rep 8.5m"	25°35'42"N 51°51'03"E
		"Less Water-Least depth rep 16m"	25°35'37"N 51°08'51"E
		"Less Water-Least depth rep 16m"	25°45'21"N 52°04'03"E
		"Less Water-Least depth rep 11.5m"	25°50'06"N 52°08'48"E
		"Less Water-Least depth rep 13m"	25°57'06"N 52°08'45"E
62410	11Ed. 2/22/86 LAST NM 43/87 Add	Depths 8.4 meters	(39(2958)87 Taunton) 48/87 26°35'35"N 50°49'47"E
		11 meters	26°36'29"N 50°53'04"E
		11.5 meters	26°38'29"N 50°51'50"E
		15.4 meters	26°43'53"N 51°05'54"E
		15.2 meters	26°45'20"N 50°54'16"E
		13.3 meters	26°46'17"N 50°51'56"E
		13.3 meters	26°47'38"N 50°49'14"E
62410	11Ed. 2/22/86 LAST NM 48/87 Delete	Legend "Less Water-Least depth rep 16m" (See 43/87-62410)	(35(2658)87 Taunton) 49/87 25°35'37"N 51°08'51"E
	Add	Legend "Less Water-Least depth rep 16m"	25°35'37"N 52°08'51"E
62410	11Ed. 2/22/86 LAST NM 49/87 Delete	Buoy	(41(3104)87 Taunton; MCNM8026/87) 50/87 27°04.2'N 53°08.2'E
	Add	Legend "Rep Destr (1987)" to platforms	25°57.8'N 52°54.2'E 25°54.4'N 52°54.8'E

SECTION 62

62410	11Ed. 2/22/86 LAST	NM 50/87		(51(3864)87 Taunton) 7/88
	Substitute	Dangerous wreck (Masts) for stranded wreck		25°19.8'N 52°26.6'E
62410	11Ed. 2/22/86 LAST	NM 7/88		(4(321)88 Taunton) 9/88
	Add	Dangerous wreck (PA)		26°52.0'N 52°01.0'E
62410	11Ed. 2/22/86 LAST	NM 9/88		(24/88 Bahrain) 19/88
	Add	Wreck (PA)		25°29'30"N 52°52'30"E
62410	11Ed. 2/22/86 LAST	NM 19/88		(28/88 Bahrain) 21/88
	Add	Buoy, red		26°34'00"N 50°43'00"E
★**62410**	11Ed. 2/22/86 LAST	NM 21/88		(MCNM8104, 8105/88; 28, 31/88 Bahrain) 25/88
	Add	Depth 8 meters Obstr marked by buoy, red (Supersedes 21/88-62410)		26°34'00"N 50°43'00"E
		Depths 37 meters		26°06'15"N 52°34'15"E
		26 meters		25°32'00"N 53°50'00"E
		Legend "Reported destroyed (1988)" to platform		25°32'15"N 53°09'05"E
62410	11Ed. 2/22/86 LAST	NM 25/88		(16(1216)88 Taunton) 27/88
	Add	Depths 19.8 meters		25°44'10"N 52°55'15"E
		16.5 meters		26°46'18"N 53°29'18"E
62410	11Ed. 2/22/86 LAST	NM 27/88		(18(1393)88 Taunton) 31/88
	Delete	Buoys		26°56.9'N 53°27.8'E
				26°38.8'N 53°39.0'E
62410	11Ed. 2/22/86 LAST	NM 31/88		(22(1688)88 Taunton; 48/88 Bahrain) 32/88
	Add	Danger circles "Well"		25°57.8'N 53°09.6'E
				25°59.4'N 53°07.7'E
		Dangerous wreck		26°56.9'N 51°05.7'E
62410	11Ed. 2/22/86 LAST	NM 32/88		(53/88 Bahrain; 6/67 Tehran) 46/88
	Add	Platform with light flare symbol		26°31'48"N 51°56'45"E
		Buoy YBY, pillar, double cone topmark points together, Q(9) 15s		26°33'18"N 53°53'10"E
62410	11Ed. 2/22/86 LAST	NM 46/88		(MCNM8083, 8182/88; BA CH 2886) 3/89
	Delete	"OILFIELD CAUTION NO 1" areas centered		26°37.4'N 51°44.3'E
				26°17.2'N 51°32.2'E
		Dashed line joining		27°02.7'N 50°36.0'E
				27°02.7'N 50°38.2'E
				26°50.3'N 50°38.2'E
				26°51.3'N 50°36.0'E
		Legends "ABU SA'AFAH OIL FIELD"		26°58.0'N 50°39.4'E
		"CAUTION NO 1"		26°54.5'N 50°37.8'E
		Depths 9 meters "Rep (1977)"		26°30.4'N 50°54.8'E
		8.5 meters		26°35.0'N 50°57.4'E
	Substitute	Depths 68 meters Well for dotted-line circle "Well"		26°58.8'N 51°28.7'E
		52 meters Well for dotted-line circle "Well"		26°37.9'N 51°54.8'E
		29 meters Well for dotted-line circle "Well"		26°34.5'N 51°45.4'E
		48 meters Well for dotted-line circle "Well"		26°32.5'N 51°57.4'E
		31 meters Well for dotted-line circle "Well"		26°29.2'N 51°54.9'E
		21 meters Well for dotted-line circle "Well"		26°17.8'N 51°50.3'E
		57 meters Well for dotted-line circle "Well"		26°16.6'N 52°29.1'E
		18 meters Well for 26 meters		26°37.0'N 51°28.5'E
	Change	Lines 1-3 of caution note to "1. Reserved."		25°37.0'N 51°14.0'E

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62410	(Continued) Change	Legends "CAUTION NO 1" to "(see Note)"	3/89 26°16.4'N 52°32.9'E 25°58.2'N 53°10.2'E 25°26.6'N 53°08.0'E 25°56.2'N 52°53.2'E 25°36.3'N 52°36.1'E 25°28.0'N 52°20.3'E 25°28.3'N 52°44.4'E 25°19.5'N 52°21.0'E 25°19.5'N 53°12.0'E
		Note to "OIL FIELDS Numerous structures usually carrying navigational aids, other unlit objects, submarine pipelines and submerged obstructions sometimes marked by buoys, exist in the oil field areas shown on this chart. These features are not all charted. Particular caution should be exercised by all vessels navigating in the vicinity of oil fields."	25°42.0'N 51°14.0'E
	Add	Depths 9.8 meters 19.8 meters Well 21 meters Well 16.2 meters Well 10.7 meters Well 10.7 meters Well 35 meters Well 56 meters Well 21 meters Well 18.3 meters Well 22 meters Well 18 meters Well 51 meters Well 50 meters Well 24 meters Well 23 meters Well 7 meters Well 19.8 meters Well 52 meters Well 53 meters Well 42 meters Well 46 meters Well	26°30.2'N 50°49.6'E 26°45.8'N 51°19.2'E 26°30.5'N 51°19.6'E 26°21.5'N 51°23.6'E 26°12.2'N 51°27.0'E 26°07.1'N 51°27.2'E 26°41.4'N 51°33.0'E 26°42.2'N 51°50.2'E 26°39.7'N 51°33.3'E 26°39.3'N 51°32.6'E 26°38.6'N 51°45.2'E 26°36.7'N 51°37.8'E 26°35.2'N 51°59.1'E 26°33.4'N 51°57.5'E 26°24.2'N 51°32.7'E 26°15.7'N 51°43.4'E 26°13.7'N 51°52.3'E 26°08.0'N 51°47.7'E 26°35.8'N 52°01.6'E 26°33.2'N 52°01.7'E 26°26.2'N 52°01.8'E 26°24.2'N 52°04.8'E
62410	11Ed. 2/22/86 LAST NM 3/89 Change	Period of light to 5s	(70/88 Bahrain) 7/89 26°10.5'N 50°42.9'E
62410	11Ed. 2/22/86 LAST NM 7/89 Add	Depths 24 meters 26 meters	(50(3734)88 Taunton) 10/89 25°30.7'N 53°55.4'E 25°23.7'N 53°38.4'E
62410	11Ed. 2/22/86 LAST NM 10/89 Add	Rock awash enclosed by danger circle (ED) Depths 12 meters "Rep (1986)" 9 meters "Rep (1986)" 8 meters "Rep (1986)" 11 meters "Rep (1986)" 8.5 meters "Rep"	(1(67)89 Taunton) 11/89 25°31.9'N 51°38.4'E 25°36.1'N 51°59.5'E 25°36.1'N 52°01.4'E 25°43.7'N 52°18.8'E 25°55.9'N 52°03.5'E 25°36.2'N 51°53.7'E
62410	11Ed. 2/22/86 LAST NM 11/89 Substitute	Depths 24 meters Well for danger circle "Well" 31 meters Well for danger circle "Well" 32 meters Well for danger circle "Well" 18.9 meters Well for danger circle "Well" 14.9 meters Well for danger circle "Well" 38 meters Well for danger circle "Well"	(BA CH 3950, 2889) 14/89 25°25.4'N 52°25.2'E 25°49.3'N 52°21.2'E 25°50.7'N 52°21.5'E 25°49.2'N 52°36.8'E 25°43.1'N 52°40.0'E 25°39.5'N 52°51.1'E

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62410	(Continued)		14/89
	Add	Depths 14.6 meters Well	25°41.70′N 52°25.90′E
		19.2 meters	26°03.70′N 51°46.82′E
		22 meters	25°35.20′N 52°26.95′E
		16 meters	25°42.00′N 52°29.57′E
		18 meters	25°43.62′N 52°26.50′E
		25 meters "Rep (1986)"	25°26.00′N 53°37.82′E
		25 meters "Rep (1986)"	25°25.55′N 53°46.87′E
62410	11Ed. 2/22/86 LAST NM 14/89		(7, 13/89 Bahrain) 16/89
	Substitute	Depth 6.5 meters Wk for swept depth 7.3 meters Wk	26°25.7′N 50°45.8′E
	Add	Depth 17 meters Wk	26°10.1′N 50°46.8′E
		Buoy BRB, pillar, double ball topmark	25°20.0′N 52°26.6′E
62410	11Ed. 2/22/86 LAST NM 16/89		(15/89 Bahrain) 20/89
	Add	Dangerous wreck "Rep (1989)"	25°57.2′N 51°52.8′E
62410	11Ed. 2/22/86 LAST NM 20/89		(12(966)89 Taunton) 24/89
	Substitute	Depth 9.8 meters Wk for 9.7 meters Wk	26°14.2′N 50°44.5′E

★**62412**	10Ed. 12/10/83	NEW EDITION	(DMAHTC; BA LL) 9/84
	Change	Legend "Q(6) & L Fl 15s 5s" to "Q(6) + L Fl 15s"	26°24′21″N 50°53′10″E
		Visibility (range) of light to 4M	26°15′19″N 50°33′29″E
62412	10Ed. 12/10/83 LAST NM 9/84		(33(2165)84 Taunton, 50/84 Bahrain) 44/84
	Add	Calling-in point symbols with direction pointers 015°-195°	26°19′50″N 50°42′56″E
		051°-231°	26°21′58″N 50°46′28″E
		057°-237°	26°28′03″N 50°57′48″E
		040°-220°	26°33′26″N 51°03′00″E
		010°-190°	26°14′10″N 50°46′51″E
		043°-223°	26°21′28″N 50°49′24″E
		Note "RADIO REPORTING All vessels are required to communicate with Bahrain Port Control when passing the points indicated. See Sailing Directions for working details."	26°28′48″N 50°28′54″E
62412	10Ed. 12/10/83 LAST NM 44/84		(34(2221)84 Taunton) 45/84
	Relocate	R Bn (AERO) close SE to	26°16′27″N 50°38′24″E
62412	10Ed. 12/10/83 LAST NM 45/84		(32(2123)85 Taunton) 41/85
	Substitute	Depth 9.7 meters Wk for 12.8 meters Wk	26°14′16″N 50°44′22″E
62412	10Ed. 12/10/83 LAST NM 41/85		(89/85 Bahrain) 25/86
	Add	Racon at light "Sitrah 3"	26°28′37″N 50°57′24″E
62412	10Ed. 12/10/83 LAST NM 25/86		(BA RA) 33/86
	Delete	Racon from light "Sitrah 3" (Supersedes 25/86-62412)	26°28′37″N 50°57′24″E
62412	10Ed. 12/10/83 LAST NM 33/86		(31/86 Bahrain) 34/86
	Add	Dangerous wreck marked by buoy, white, Fl 3s	26°14′06″N 50°47′32″E
62412	10Ed. 12/10/83 LAST NM 34/86		(47/86 Bahrain) 41/86
	Delete	Dangerous wreck and buoy (Supersedes 34/86-62412)	26°14′06″N 50°47′32″E
	Add	Dangerous wreck	26°13′52″N 50°47′43″E
		Buoy, YBY, pillar, double cone topmark points together	26°13′52″N 50°47′37″E
62412	10Ed. 12/10/83 LAST NM 41/86		(24(611)86 Dehra Dun) 11/87
	Substitute	Depth 5 meters "Rep (1986)" for 5.5 meters "Rep (1977)"	26°24′44″N 50°56′48″E

62412	10Ed. 12/10/83 LAST	NM 11/87		(37/87 Bahrain) 27/87
	Delete	Buoy		26°13'52"N 50°47'37"E
		(See 41/86-62412)		
62412	10Ed. 12/10/83 LAST	NM 27/87		(39(2958)87 Taunton) 48/87
	Add	Depths 8.4 meters		26°35'36"N 50°49'47"E
		11 meters		26°36'30"N 50°53'04"E
62412	10Ed. 12/10/83 LAST	NM 48/87		(28/88 Bahrain) 21/88
	Add	Buoy, red		26°34'00"N 50°43'00"E
62412	10Ed. 12/10/83 LAST	NM 21/88		(28, 31/88 Bahrain) 25/88
	Add	Depth 8 meters Obstr marked by buoy, red		26°34'00"N 50°3'00"E
		(Supersedes 21/88-62412)		
62412	10Ed. 12/10/83 LAST	NM 25/88		(28, 31/88 Bahrain) 30/88
	Add	Depth 8 meters Obstr marked by buoy, red		26°34'00"N 50°43'00"E
		(Supersedes 25/88-62412)		
62412	10Ed. 12/10/83 LAST	NM 30/88		(BA LL) 31/88
	Delete	Light		26°29.1'N 50°34.8'E
62412	10Ed. 12/10/83 LAST	NM 31/88		(13/89 Bahrain) 16/89
	Substitute	Depth 6.5 meters Wk for swept depth 7.3 meters Wk		26°25'31"N 50°45'52"E
62412	10Ed. 12/10/83 LAST	NM 16/89		(12(966)89 Taunton) 24/89
	Substitute	Depth 9.8 meters Wk for 9.7 meters Wk		26°14.3'N 50°44.4'E
★62413	9Ed. 3/28/87	NEW EDITION		(DMAHTC; BA CH 3796) 22/87
	Add	Depth 4.8 meters		26°09'26.0"N 50°43'12"E
62413	9Ed. 3/28/87 LAST	NM 22/87		(37/87 Bahrain) 27/87
	Delete	Buoy		26°13'52"N 50°47'37"E
62413	9Ed. 3/28/87 LAST	NM 27/87		(23(1703)87 Taunton) 30/87
	Delete	Range lights, range line and legend "Lights...107°03'" between		26°11.2'N 50°39.9'E 26°11.6'N 50°38.5'E
	Add	Range lights, front Q 5M		26°11'17"N 50°39'45"E
		rear IQ 11M		26°11'15"N 50°39'55"E
		Range line extending in 286°53' direction from above rear light dashed for 870 meters, thence solid for 1615 meters		26°11'15"N 50°39'55"E
		Legend "Lights in line 106°53' along above range line		26°11'30"N 50°39'01"E
62413	9Ed. 3/28/87 LAST	NM 30/87		(23(1703)87 Taunton) 35/87
	Substitute	Bn (Destr) for light "Triad Bn"		26°11.2'N 50°39.4'E
	Add	Light "Triad Bn" QR		26°11'09"N 50°39'26"E
62413	9Ed. 3/28/87 LAST	NM 35/87		(39(2957)87 Taunton) 48/87
	Delete	Bn (Destr)		26°11.2'N 50°39.4'E
		(See 35/87-62413)		
62413	9Ed. 3/28/87 LAST	NM 48/87		(51(3865)87 Taunton) 7/88
	Delete	Stranded wreck		26°11.2'N 50°37.3'E
	Change	Buoy to RW, conical		26°11.9'N 50°36.6'E
62413	9Ed. 3/28/87 LAST	NM 7/88		(Bahrain CH 2501) 44/88
	Delete	Bns		26°09'25"N 50°43'14"E 26°09'21"N 50°43'16"E 26°09'19"N 50°43'17"E
		Depth 13.3 meters Wks		26°09'19"N 50°44'51"E
	Substitute	Depths 4.9 meters for 5.6 meters		26°11'47"N 50°36'28"E
		7.2 meters for 8.3 meters		26°11'28"N 50°39'30"E
	Change	Buoy to RW, spar		26°09'09"N 50°40'28"E

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			44/88
62413	(Continued) Change	Legends to "Lights in line 332°52'" "Dredged to 3m (1986)" "Least depth 9.8m (1986)"	26°11'07"N 50°41'14"E 26°08'40"N 50°39'46"E 26°11'32"N 50°39'10"E
	Add	Legend "buoyed channel"	26°08'49"N 50°40'00"E
		Depth 12.4 meters	26°11'18"N 50°40'54"E
62413	9Ed. 3/28/87 LAST NM 44/88 Change	Buoys "Diwan" to Fl G 2½s "2" to Fl R 2½s "14" to Fl R 2s	(40(2993)88 Taunton) 52/88 26°10'45"N 50°39'42"E 26°11'22"N 50°39'15"E 26°11'50"N 50°37'37"E
62413	9Ed. 3/28/87 LAST NM 52/88 Change	Period of light to 5s	(70/88 Bahrain) 7/89 26°10'27"N 50°42'53"E
62413	9Ed. 3/28/87 LAST NM 7/89 Change	Lights to FR	(BA LL) 18/89 26°11'49"N 50°37'17"E 26°11'48"N 50°37'16"E
62413	9Ed. 3/28/87 LAST NM 18/89 Substitute	Depths 9.8 meters Wk for 9.7 meters Wk 1.3 meters Wk for 2.3 meters Wk	(12(966)89 Taunton: 13/89 Bahrain) 24/89 26°14'15"N 50°44'22"E 26°09'41"N 50°39'59"E
	Add	Depths 17 meters Wk 11.1 meters Wk	26°10'15"N 50°46'49"E 26°09'45"N 50°41'06"E
★62415	12Ed. 3/17/84 Change	NEW EDITION Line 1 of caution note to "1. Maximum arrival draft available (1982) in Ra's Tannurah Channel is"	(DMAHTC: NVS6631/82) 23/84 27°02'08"N 50°03'18"E
		Line 5 of caution note to "traffic separation line to complete their loading at Al Ju'aymah"	27°01'56"N 50°03'14"E
62415	12Ed. 3/17/84 LAST NM 23/84 Delete	Purple dashed line between	(SPA A169/86: 33(2386)86 Taunton) 5/87 26°54'39"N 50°00'48"E 26°54'39"N 50°00'10"E
	Relocate	Legend "CAUTION NO 4" close NE to	26°54'20"N 50°01'02"E
	Add	Legend "QATIF OILFIELD (see Note)"	26°53'00"N 50°00'28"E
		Legend "RESTRICTED AREA (see Note)"	26°50'30"N 50°00'28"E
		Note "QATIF OILFIELD Numerous structures usually carrying navigational aids, other unlit objects and submerged obstructions sometimes marked by buoys, exist in the oilfield area shown on this chart. In addition and in accordance with Saudi Seaports Authority Notices to Mariners the majority of such features have been omitted from this chart in the oilfield area. All surface structures are marked by lights Mo(U) 15s."	27°02'01"N 50°01'50"E
		Note "RESTRICTED AREA The Saudi Seaports Authority advise mariners not to enter the Restricted Oilfield Area shown on this chart."	27°01'40"N 50°01'50"E
		Purple composite line (restricted area) joining	26°55'00"N 50°00'10"E 26°54'42"N 50°00'48"E 26°47'44"N 50°00'48"E
		and delete submarine pipelines within above restricted area	

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			5/87
62415	(Continued) Add	Purple dashed line joining	26°55'01"N 50°00'11"E 26°54'41"N 50°00'49"E 26°47'44"N 50°00'49"E
62415	12Ed. 3/17/84 LAST NM 5/87 Add	Calling-in point symbol with direction pointer 191°	(BA CH 3777) 25/87 26°48'44"N 50°10'08"E
		Note "RADIO REPORTING POINTS All vessels are required to communicate with Ra's Tannurah Port Radar when passing the points indicated. See Sailing Directions."	27°01'24"N 50°03'14"E
62415	12Ed. 3/17/84 LAST NM 25/87 Change	Note to "QATIF OIL FIELD Numerous structures usually carrying navigational aids, other unlit objects and submerged obstructions sometimes marked by buoys, exist in the oil field area shown on this chart. All surface structures are marked by lights Mo(U) 15s."	(MCNM8083/88) 16/88 27°02.0'N 50°01.8'E
62415	12Ed. 3/17/84 LAST NM 16/88 Change	Characteristic of buoy (mooring) to IQ 15s	(50(3735)88 Taunton) 10/89 26°57'09"N 50°02'47"E
62415	12Ed. 3/17/84 LAST NM 10/89 Change	Superbuoys TANKER "33" to Fl(3) Y 12s "34" to Fl(4) Y 10s "35" to Fl(5) Y 20s "36" to Fl(6) Y 15s	(SPA A194/89) 25/89 26°57'09"N 50°02'47"E 26°56'48"N 50°04'23"E 26°55'44"N 50°03'42"E 26°55'44"N 50°04'57"E
*62416	12Ed. 4/5/86 Add	NEW EDITION Depth 19.9 meters (Previously published 24/86)	(DMAHTC) 28/86 26°41'44"N 50°12'13"E
62416	12Ed. 4/5/86 LAST NM 28/86 Add	Calling-in point symbol with direction pointer 045°	(BA CH 3777) 25/87 26°33'50"N 50°11'00"E
		Note "RADIO REPORTING POINTS All vessels are required to communicate with Ra's Tannurah Port Radar when passing the points indicated. See Sailing Directions."	26°37'48"N 50°06'00"E
62416	12Ed. 4/5/86 LAST NM 25/87 Add	Depth 9.4 meters	(11(871)88 Taunton) 22/88 26°37'14"N 50°14'03"E
62416	12Ed. 4/5/86 LAST NM 22/88 Add	Buoy "No 1" YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s	(31(2366, 2367)88 Taunton) 41/88 26°29'43"N 50°16'12"E
		Depths 14.9 meters 14.8 meters 10.9 meters 10.6 meters	26°35'58"N 50°13'29"E 26°35'56"N 50°13'13"E 26°35'53"N 50°13'03"E 26°35'32"N 50°12'40"E
		Legends "Less water rep (1988)"	26°30'06"N 50°11'39"E 26°29'48"N 50°12'20"E
62416	12Ed. 4/5/86 LAST NM 41/88 Relocate	Buoy "A3" close NE to	(SPA A193/89) 22/89 26°32'00"N 50°10'01"E
	Change	Light to Fl(2) R 5s	26°30'07"N 50°13'18"E
*62418	6Ed. 3/8/86	NEW EDITION	(DMAHTC) 19/86
62418	6Ed. 3/8/86 LAST NM 19/86 Delete	Limits of Al Qatif Oil Field	(SPA A169/86; 33(2386)86 Taunton) 5/87 26°53'31"N 49°58'46"E

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62418 (Continued)

5/87

Delete — Dashed lines between — 26°55'50"N 49°56'54"E
26°54'01"N 49°56'54"E

between — 26°53'57"N 49°46'55"E
26°53'57"N 49°55'29"E

Purple dashed line joining — 26°54'39"N 50°00'48"E
26°54'39"N 50°00'03"E
26°54'58"N 50°00'03"E

Relocate — Legend "ANCHORAGE FOR CARGO SHIPS" close N to — 26°55'54"N 49°56'07"E

Change — Note to
"AL QATIF OIL FIELD
Numerous structures usually carrying navigational aids, other unlit objects and submerged obstructions sometimes marked by buoys, exist in the oilfield area shown on this chart.
In addition and in accordance with Saudi Seaports Authority Notices to Mariners the majority of such features have been omitted from this chart in the oilfield area.
All surface structures are marked by lights Mo(U) 15s. — 26°50'26"N 49°44'50"E

Add — Purple composite line (restricted area) joining — 26°51'19"N 49°55'00"E
26°53'18"N 49°55'00"E
26°56'06"N 49°57'06"E
26°54'42"N 50°00'48"E
26°50'10"N 50°00'48"E

and delete submarine pipelines within above restricted area

Legend "RESTRICTED OILFIELD AREA (see Note)" — 26°52'37"N 49°58'46"E

Dashed line joining — 26°53'57"N 49°55'28"E
26°55'50"N 49°56'54"E

Note
"RESTRICTED OILFIELD AREA
The Saudi Seaports Authority advise mariners not to enter the Restricted Oilfield area shown on this chart." — 26°50'44"N 49°42'56"E

Purple dashed line joining — 26°55'09"N 50°00'03"E
26°54'59"N 50°00'03"E
26°54'41"N 50°00'49"E
26°54'39"N 50°00'49"E

62418 6Ed. 3/8/86 LAST NM 5/87 — (SPA A169/86) 10/87

Delete — Dashed line between — 26°53'57"N 49°56'55"E
26°53'57"N 49°55'29"E

(See 5/87-62418)

62418 6Ed. 3/8/86 LAST NM 10/87 — (5(358)87 Taunton) 12/87

Delete — Platform — 26°55.5'N 49°59.4'E

62418 6Ed. 3/8/86 LAST NM 12/87 — (MCNM8083/88) 16/88

Change — Note to
"AL QATIF OIL FIELD
Numerous structures usually carrying navigational aids, other unlit objects and submerged obstructions sometimes marked by buoys, exist in the oil field area shown on this chart.
All surface structures are marked by lights Mo(U) 15s." — 26°50.5'N 49°44.8'E

Add — Platform with light flare symbol — 26°53'00"N 49°59'00"E

62418*	6Ed. 3/8/86 LAST NM 16/88		(MCNM8081/88) 18/88
	Change	Characteristic of buoys	
		"AJ-3" to Fl(3) G 10s	27°00′24″N 49°42′43″E
		"AJ-6" to Fl(3) R 10s	27°00′43″N 49°43′09″E
		"HE-3" to Fl G 3s	26°58′15″N 49°42′52″E
		"R-3" to Fl G 3s	26°58′21″N 49°42′14″E
		"R-7" to Fl G 3s	26°57′52″N 49°42′09″E
		"Danger" to Fl Y 3s	26°58′18″N 49°41′52″E
		Buoy "HE-4" to BY, pillar, Q	26°58′11″N 49°42′58″E
		Period of lights to 10s	26°58′54″N 49°42′00″E
			26°58′47″N 49°42′10″E
62418	6Ed. 3/8/86 LAST NM 18/88		(46(3432)88 Taunton) 4/89
	Change	Light to Fl R 2s 12M HORN and delete sectors	27°01′51″N 49°42′00″E
62418	6Ed. 3/8/86 LAST NM 4/89		(SPA A192/89) 22/89
	Delete	Buoys "EXPL-1"	27°02.0′N 49°50.4′E
		"EXPL-2"	26°58.4′N 49°51.0′E
		"EXPL-3"	26°56.8′N 49°52.8′E
		"EXPL-4"	26°55.7′N 49°51.6′E
		"EXPL-5"	26°57.6′N 49°49.3′E
		"EXPL-6"	26°59.9′N 49°49.9′E
*62419	4Ed. 9/15/84	NEW EDITION	(DMAHTC; BA LL) 45/84
	Substitute	Lightfloat "Ju'aymah", R, Fl 10s 15M Racon for lightship	27°12′38″N 50°38′54″E
62419	4Ed. 9/15/84 LAST NM 45/84		(129/85 SPA) 27/85
	Add	Buoys (current meter) UQ Ra Ref	26°55′N 50°33′E
			26°52′N 50°29′E
			26°41′N 50°19′E
62419	4Ed. 9/15/84 LAST NM 27/85		(34(2269)85 Taunton) 43/85
	Delete	Buoy "ENTRY-RAG"	27°13.2′N 50°11.4′E
62419	4Ed. 9/15/84 LAST NM 43/85		(27/86 Bahrain) 2[illegible]/86
	Add	Depth 19.9 meters	26°41′44″N 50°12′14″E
62419	4Ed. 9/15/84 LAST NM 24/86		(DMAHTC) 43/86
	Change	Line 8 of note in upper right margin of chart to "buoys. As these features are not charted special caution should be exercised by vessels navigating in the vicinity. Maneuvering tankers should be given a wide berth."	
62419	4Ed. 9/15/84 LAST NM 43/86		(SPA A171/86; 33(2386)86 Taunton) 5/87
	Delete	Buoys (current meter)	26°55′N 50°33′E
			26°52′N 50°29′E
			26°41′N 50°19′E
		Limits of Abu Safah Oilfield	26°57.9′N 50°33.9′E
	Relocate	Legend "Abu Sa'fah Oilfield (SEE NOTE)" close NW to	26°58.85′N 50°31.82′E
	Change	Note in upper right margin of chart to "ABU SA'FAH OILFIELD Numerous structures usually carrying navigational aids, other unlit objects and submerged obstructions sometimes marked by buoys, exist in the oilfield area shown on this chart. In addition and in accordance with Saudi Seaports Authority Notices to Mariners the majority of such features have been omitted from this chart in the oilfield area. All surface structures are marked by lights Mo(U) 15s.	27°25.80′N 50°41.50′E
	Add	Legend "RESTRICTED AREA (see Note.)"	26°56.78′N 50°30.90′E

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62419	(Continued)		5/87
	Add	Purple composite line (restricted area) joining	26°53.14′N 50°33.04′E 27°02.14′N 50°35.04′E 27°02.64′N 50°32.04′E 26°54.64′N 50 26.54′E 26°53.14′N 50°33.04′E
		Note "RESTRICTED AREA The Saudi Seaports Authority advise mariners not to enter the Restricted Oilfield Area shown on this chart."	27°27.35′N 50°41.50′E
62419	4Ed. 9/15/84 LAST NM 5/87		(BA CH 3788; 15(1171)87 Taunton) 24/87
	Add	Platform	26°58′12″N 50°23′10″E
		Danger circles "Well"	26°47′54″N 50°26′14″E 26°52′32″N 50°30′34″E 26°57′17″N 50°26′31″E
62419	4Ed. 9/15/84 LAST NM 24/87		(BA CH 3777) 25/87
	Add	Calling-in point symbols with direction pointer 225° 225° 191° 250°	27°06′04″N 50°22′48″E 26°58′33″N 50°14′15″E 26°48′44″N 50°10′08″E 26°48′00″N 50°33′30″E
		Note in upper right margin of chart "RADIO REPORTING POINTS All vessels are required to communicate with Ra's Tannurah Fort Radar when passing the points indicated. See Sailing Directions."	
★62419	4Ed. 9/15/84 LAST NM 25/87		(MCNM8083/88) 16/88
	Change	Note in upper right margin of chart to "ABU SA'FAH OIL FIELD Numerous structures usually carrying navigational aids, other unlit objects and submerged obstructions sometimes marked by buoys, exist in the oil field area shown on this chart. All surface structures are marked by lights Mo(U) 15s.	
	Add	Platforms with light flare symbol	26°57′56″N 50°32′18″E 26°55′32″N 59°29′12″E 26°58′00″N 50°32′30″E 26°56′12″N 50°31′25″E 26°56′18″N 50°32′00″E 26°56′30″N 50°29′45″E 26°56′12″N 50°30′38″E 26°55′36″N 50°31′06″E 26°55′26″N 50°31′22″E 26°55′42″N 50°29′00″E
62419	4Ed. 9/15/84 LAST NM 16/88		(11(871)88 Taunton) 22/88
	Add	Depth 9.4 meters	26°37′14″N 50°14′03″E
★62420	3Ed. 3/30/85	NEW EDITION	(DMAHTC; NVS7439/85; BA LL) 22/85
	Delete	Buoy	27°08.5′N 50°05.8′E
	Change	Lights "1" to VQ(6) + L Fl 10s 9m 11M "3" to Q(6) + L Fl 15s 9m 11M Racon	27°00.0′N 50°41.9′E 26°59.6′N 50°13.0′E
	Add	HORN to light Visibility (range) 15M to lightfloat	27°01.8′N 49°41.8′E 27°12.7′N 50°39.1′E
62420	3Ed. 3/30/85 LAST NM 22/85		(16(1042)85 Taunton; 129/85 SPA; BA LL) 27/85
	Delete	Lights	26°05.9′N 50°38.3′E 26°06.5′N 50°38.6′E
	Change	Light to 2 FR, FG	26°07.3′N 50°38.2′E
	Add	Light Fl R Flare stack symbol	26°09.5′N 50°41.1′E 26°08.6′N 50°39.0′E

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			27/85
62420	(Continued) Add	Buoys (current meter) UQ Ra Ref	26°55.0′N 50°33.0′E 26°52.0′N 50°29.0′E 26°41.0′N 50°19.0′E
62420	3Ed. 3/30/85 LAST NM 27/85 Add	Legend "Less water rep (1985)"	(20(1343)85 Taunton) 31/85 27°00.3′N 49°53.9′E
62420	3Ed. 3/30/85 LAST NM 31/85 Delete	Buoy "ENTRY-RAG"	(32(2123), 34(2269)85 Taunton) 43/85 27°13.0′N 50°11.4′E
	Add	Depth 13 meters "Wks"	26°09.30′N 50°44.77′E
62420	3Ed. 3/30/85 LAST NM 43/85 Add	Dangerous wreck marked close W by buoy, YBY, pillar, double cone topmark points together	(47/86 Bahrain) 41/86 26°13.9′N 50°47.7′E
62420	3Ed. 3/30/85 LAST NM 41/86 Delete	Limits of Berri Oil Field Al Qatif Oil Field Abu Saafah Oil Field	(MCNM7875/87) 5/87 27°12.5′N 49°43.2′E 26°54.2′N 49°58.8′E 26°59.5′N 50°34.5′E
		Legends "CAUTION NO 2"	27°11.6′N 49°43.1′E 26°52.5′N 49°58.5′E 26°57.9′N 50°34.4′E
		Buoys (current meter)	26°41.0′N 50°19.0′E 26°55.0′N 50°33.0′E 26°52.0′N 50°29.0′E
		Lights	27°17.1′N 49°45.8′E 27°14.7′N 49°45.5′E
	Relocate	Legends "BERRI OIL FIELD" close SW to "AL QATIF OIL FIELD" close SW "ABU SA'AFAH OIL FIELD" close W	27°10.8′N 49°40.2′E 26°53.8′N 49°57.9′E 26°59.4′N 50°32.4′E
	Change	Lines 3-7 of caution note to "2. Reserved"	26°37.5′N 49°49.5′E
	Add	Purple composite lines (restricted area) joining	27°20.3′N 49°34.2′E 27°20.3′N 49°46.8′E 27°16.7′N 49°47.4′E 27°12.4′N 49°48.0′E 27°06.2′N 49°42.9′E 27°06.1′N 49°42.1′E
		joining	26°51.3′N 49°55.0′E 26°53.3′N 49°55.0′E 26°56.1′N 49°57.1′E 26°54.7′N 50°00.8′E 26°47.7′N 50°00.8′E
		joining	26°53.1′N 50°33.0′E 27°02.1′N 50°35.0′E 27°02.6′N 50°32.0′E 26°54.6′N 50°26.5′E 26°53.1′N 50°33.0′E
		and delete all platforms and pipes, lighted and unlighted, and submarine cables within each of the above restricted areas	
		Legends "(See Note)"	27°09.9′N 49°40.2′E 26°53.0′N 49°57.9′E 26°58.3′N 50°32.0′E
		Legends "RESTRICTED AREA (See Note)"	27°15.0′N 49°40.2′E 26°51.8′N 49°57.9′E 26°56.8′N 50°31.4′E

SUBJECT 62

(Continued on next page)

62420 (Continued)
Add

Note
"RESTRICTED OILFIELD AREAS
The Saudi Seaports Authority advise mariners not to enter the Restricted Oilfield areas shown on this chart." 26°41.0'N 49°49.5'E

Note
"OIL FIELDS
Numerous structures usually carrying navigational aids, other unlit objects, submarine pipelines and submerged obstructions sometimes marked by buoys, exist in the oilfield areas shown on this chart. These features are not all charted.
In addition to and in accordance with Saudi Seaports Authority Notices to Mariners the majority of such features have been omitted from the Restricted Oil Field Areas on this chart.
Particular caution should be exercised by all vessels navigating in the vicinity of oilfields." 26°20.0'N 49°49.5'E

Legends "All surface structures are marked by lights Mo(U) 15s." centered 27°08.5'N 49°40.2'E
centered 26°54.8'N 50°30.4'E
between 26°47.8'N 50°00.5'E
26°54.7'N 50°00.5'E

62420 3Ed. 3/30/85 LAST NM 5/87
Delete Platform (5(358)87 Taunton) 12/87
26°55.5'N 49°59.4'E

62420 3Ed. 3/30/85 LAST NM 12/87
Change Light "15A" to "15" Fl 5M (BA CH 2882) 21/87
26°42.0'N 50°10.2'E

62420 3Ed. 3/30/85 LAST NM 21/87
Substitute Depth 5.5 meters for 6.5 meters (BA CH 3777) 24/87
26°59.5'N 50°04.3'E

62420 3Ed. 3/30/85 LAST NM 24/87
Add Depth 17.7 meters (BA CH 3777) 25/87
26°39'15"N 50°20'54"E

Calling-in point symbols with direction pointer 250° 26°48'00"N 50°33'30"E
225° 27°06'04"N 50°22'48"E
225° 26°58'33"N 50°14'15"E
191° 26°48'44"N 50°10'08"E
045° 26°33'57"N 50°11'14"E

Note
"RADIO REPORTING POINTS
All vessels are required to communicate with Ra's Tannurah Port Radar when passing the points indicated.
See Sailing Directions." 26°45'00"N 49°44'00"E

62420 3Ed. 3/30/85 LAST NM 25/87
Delete Buoy (37/87 Bahrain) 27/87
26°13.9'N 50°47.7'E
Note: Dangerous wreck remains
(See 41/86-62420)

62420 3Ed. 3/30/85 LAST NM 27/87
Add Dangerous wreck (PA) marked close S by buoy, BRB, pillar (26(1931)87 Taunton) 40/87
26°23'00"N 50°16'36"E

62420 3Ed. 3/30/85 LAST NM 40/87
Delete Light (BA LL) 49/87
26°20.8'N 50°23.3'E

62420 3Ed. 3/30/85 LAST NM 49/87
Delete Lights (42(3142)87 Taunton; BA LL) 50/87
26°20.6'N 50°22.5'E
26°19.8'N 50°23.2'E
26°19.8'N 50°23.5'E
26°18.7'N 50°23.3'E
26°15.2'N 50°21.9'E
26°28.6'N 50°40.0'E
26°24.7'N 50°23.5'E

(continued on next page)

			50/87
62420 *	(Continued) Substitute	Beacon "5" RW with light flare symbol for light "5A"	26°22.7′N 50°22.3′E
	Change	Light "15" to FR 5M Ra Ref (See 21/87-62420)	26°42.0′N 50°10.2′E
	Add	Legend "Marked channel" between	26°16′03″N 50°23′00″E 26°20′00″N 50°23′00″E
62420	3Ed. 3/30/85 LAST NM 50/87 Delete	Light (See 50/87-62420)	(42(3142)87 Taunton; BA LL) 13/88 26°28.6′N 50°20.0′E
★62420	3Ed. 3/30/85 LAST NM 13/88 Change	Note to "OIL FIELDS Numerous structures usually carrying navigational aids, other unlit objects, submarine pipelines and submerged obstructions sometimes marked by buoys, exist in the oil field areas shown on this chart. These features are not all charted. Particular caution should be exercised by all vessels navigating in the vicinity of oil fields."	(MCNM8083/88) 16/88 26°20.0′N 49°49.5′E
	Add	Platforms with light flare symbol	27°16′54″N 49°36′06″E 26°53′00″N 49°59′00″E 26°57′56″N 50°32′18″E 26°55′32″N 50°29′12″E 26°58′00″N 50°32′30″E 26°56′12″N 50°31′25″E 26°56′18″N 50°32′00″E 26°56′30″N 50°29′45″E 26°56′12″N 50°30′38″E 26°55′36″N 50°31′06″E 26°55′26″N 50°31′22″E 26°55′42″N 50°29′00″E
62420	3Ed. 3/30/85 LAST NM 16/88 Add	Buoy, red	(28/88 Bahrain) 21/88 26°34′00″N 50°43′00″E
62420	3Ed. 3/30/85 LAST NM 21/88 Add	Depth 8 meters Obstr marked by buoy, red (Supersedes 21/88-62420)	(28, 31/88 Bahrain) 25/88 26°34′00″N 50°43′00″E
62420	3Ed. 3/30/85 LAST NM 25/88 Delete	Light	(BA LL) 31/88 26°29.2′N 50°35.0′E
62420	3Ed. 3/30/85 LAST NM 31/88 Delete	Light "3"	(31(2366, 2367)88 Taunton) 41/88 26°27.0′N 50°20.9′E
	Add	Buoys "No 1" YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s	26°29.8′N 50°16.3′E
		"No 2" BY, pillar, double cone topmark points upward, Q	26°27.6′N 50°21.1′E
		Depth 10.6 meters	26°35.6′N 50°12.8′E
		Legend "14.8m Rep (1988)" between	26°36.4′N 50°13.9′E 26°37.5′N 50°15.2′E
62420	3Ed. 3/30/85 LAST NM 41/88 Change	Lights to Fl R 12M HORN Fl WR	(46(3432)88 Taunton) 4/89 27°01.8′N 49°41.8′E 27°04.3′N 49°41.8′E
62420	3Ed. 3/30/85 LAST NM 4/89 Change	Period of light to 5s	(70/88 Bahrain) 7/89 26°10.4′N 50°42.9′E
62420	3Ed. 3/30/85 LAST NM 7/89 Substitute	Depth 6.5 meters Wk for swept depth 7.5 meters Wk	(13/89 Bahrain) 16/89 26°25.5′N 50°45.9′E
	Add	Depth 17 meters Wk	26°10.1′N 50°46.8′E

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62420	3Ed. 3/30/85 LAST	NM 16/89		(BA LL) 18/89
	Change	Characteristic of light to F		26°14.3'N 50°34.3'E
62420	3Ed. 3/30/85 LAST	NM 18/89		(SPA A192/89) 22/89
	Delete	Buoys		27°02.0'N 49°50.5'E
				26°59.8'N 49°50.0'E
				26°58.3'N 49°50.9'E
				26°57.9'N 49°49.3'E
				26°56.8'N 49°52.8'E
				26°55.8'N 49°51.5'E

★62428	7Ed. 5/19/84	NEW EDITION		(DMAHTC) 32/84
	Change	Line 10 of cautions note to "Warnings 53 and 62)."		28°55'28"N 50°51'33"E
62428	7Ed. 5/19/84 LAST	NM 32/84		(30(1950)84 Taunton) 38/84
	Delete	R Bn (Aero) (PA)		28°56'56"N 50°49'00"E
62428	7Ed. 5/19/84 LAST	NM 38/84		(9, 12/85 Tehran) 46/85
	Delete	Buoys "22"		28°59'53"N 50°49'49"E
		"24"		28°59'05"N 50°50'34"E
		"27"		28°59'09"N 50°50'39"E
	Change	Characteristic of buoys		
		"11" to QR		29°01'26"N 50°48'11"E
		"12" to QG		29°01'17"N 50°48'20"E
		"13" to QR		29°01'40"N 50°48'28"E
		"14" to QG		29°01'16"N 50°48'36"E
		"17" to QR		29°01'21"N 50°48'45"E
62428	7Ed. 5/19/84 LAST	NM 46/85		(41(2763P)85 Taunton) 52/85
	Change	Designation of buoys		
		"1" to "2"		28°57'44"N 50°44'17"E
		"2" to "1"		28°57'38"N 50°44'25"E
		Designation of Lights		
		"5" to "A"		29°01'41"N 50°48'35"E
		"16" to "B"		29°02'13"N 50°49'09"E
	Add	Legend "(See Note)"		28°56'52"N 50°46'41"E
		Note		
		"NOTE		
		Buoys "3" through "33" have been renumbered."		28°55'48"N 50°50'54"E
62428	7Ed. 5/19/84 LAST	NM 52/85		(10(743)86 Taunton; DMAHTC) 22/86
	Delete	Legends "CAUTION NO 1"		29°01'01"N 50°48'55"E
				28°57'56"N 50°51'28"E
		Light		28°58'01"N 50°51'29"E
		Dashed line between		28°58'01"N 50°51'29"E
				28°58'36"N 50°51'00"E
	Change	Legend		
		"Lights in line 143°00'" to "143""		29°01'03"N 50°48'57"E
		Caution No 1 of cautions note to "1. Reserved."		28°55'46"N 50°51'48"E
62428	7Ed. 5/19/84 LAST	NM 22/86		(65/86 Bahrain; 24(614)86 Dehra Dun; DMAHTC) 12/87
	Delete	Legend "(See Note)"		28°56'52"N 50°46'41"E
		Note		28°55'48"N 50°50'54"E
	Change	Caution No. 3 of cautions note to "3. Reserved."		28°55'33"N 50°51'48"E
		Designation of buoys		
		"3" to "4"		28°58'29"N 50°45'06"E
		"4" to "3"		28°58'23"N 50°45'14"E
		"5" to "6"		28°59'12"N 50°45'52"E
		"6" to "5"		28°59'07"N 50°45'59"E
		"7" to "8"		28°59'57"N 50°46'38"E
		"8" to "7"		28°59'51"N 50°46'46"E
		"9" to "10"		29°00'41"N 50°47'25"E
		"10" to "9"		29°00'35"N 50°47'33"E
		"11" to "12"		29°01'26"N 50°48'10"E

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62428	(Continued)		12/87
	Change	"12" to "11"	29°01′17″N 50°48′20″E
		"13" to "14"	29°01′40″N 50°48′28″E
		"14" to "13"	29°01′16″N 50°48′37″E
		"17" to "16"	29°01′21″N 50°48′45″E
		"18" to "15"	29°00′48″N 50°49′01″E
		"19" to "18"	29°00′53″N 50°49′09″E
		"20" to "17"	29°00′20″N 50°49′26″E
		"21" to "20"	29°00′25″N 50°49′33″E
		"23" to "22"	28°59′58″N 50°49′57″E
		"25" to "28"	28°59′26″N 50°50′22″E
		"26" to "23"	28°58′45″N 50°51′01″E
		"28" to "25"	28°58′26″N 50°51′32″E
		"29" to "32"	28°58′30″N 50°51′35″E
		Designation of lights	
		"31" to "24"	28°59′52″N 50°50′05″E
		"32" to "26"	28°59′32″N 50°50′19″E
62428	7Ed. 5/19/84 LAST NM 12/87		(13(1018)87 Taunton) 22/87
	Delete	Light	28°56.6′N 50°48.8′E
		Depth 7.5 meters "Rep (1982)"	28°59.3′N 50°46.1′E
		Buoy "2"	28°56.7′N 50°44.3′E
	Change	Legends to "Maintained depth 9.1m"	29°00.1′N 50°46.9′E
		"Maintained depth 9.5m"	29°00.7′N 50°49.3′E
62428	7Ed. 5/19/84 LAST NM 22/87		(13(1018)87 Taunton) 30/87
	Delete	Buoy "2"	28°57.7′N 50°44.3′E
		(See 22/87-62428)	
62428	7Ed. 5/19/84 LAST NM 30/87		(BA CH 27) 33/88
	Change	Bn to beacon (minor) "36", Fl R 5s	28°58′14″N 50°51′48″E
		Buoys, each to G, pillar	
		"1" Fl G 5s	28°57′38″N 50°44′25″E
		"3" Fl G 3s	28°58′23″N 50°45′14″E
		"5" Fl G 3s	28°59′07″N 50°45′59″E
		"7" Fl G 3s	28°59′51″N 50°46′46″E
		"9" Fl G 3s	29°00′35″N 50°47′33″E
		"11" QG	29°01′17″N 50°48′20″E
		"13" QG	29°01′16″N 50°48′37″E
		"15" Fl G 3s	29°00′48″N 50°49′01″E
		"17" Fl G 3s	29°00′20″N 50°49′26″E
		"23" Fl G 3s	28°58′45″N 50°51′01″E
		"25" Fl G 3s	28°58′26″N 50°51′32″E
		Buoys, each to R, pillar	
		"4" Fl R 3s	28°58′29″N 50°45′06″E
		"6" Fl R 3s	28°59′12″N 50°45′52″E
		"8" Fl R 3s	28°59′57″N 50°46′38″E
		"10" Fl R 3s	29°00′41″N 50°47′25″E
		"12" QR	29°01′26″N 50°48′10″E
		"14" QR	29°01′40″N 50°48′28″E
		"16" QR	29°01′21″N 50°48′45″E
		"18" Fl R 3s	29°00′53″N 50°49′09″E
		"20" Fl R 3s	29°00′25″N 50°49′33″E
		"22" Fl R 3s	28°59′58″N 50°49′57″E
		"28" Fl R 3s	28°59′26″N 50°50′22″E
		"32" Fl R 3s	28°58′30″N 50°51′35″E
		Note in upper left margin of chart to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	
	Add	Buoys "2" R, pillar, Fl R 5s	28°57′44″N 50°44′18″E
		"34" R, pillar, Fl R 3s	28°58′17″N 50°51′42″E
*62429	7Ed. 11/23/85	NEW EDITION	(DMAHTC; HNNM7665/85) 5/86
	Relocate	Buoy "AJ-3" close SSE to	27°00′26.5″N 49°42′42.9″E

SE BRITAIN

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★62429	(Continued)		5/86
	Change	Period of buoy "AJ-2" to 3s	27°02'48"N 49°44'18"E
		Designation of buoys	
		"J-9" to "J-1"	27°05'28"N 49°48'16"E
		"J-4" to "J-2"	27°04'35"N 49°48'47"E
		"J-5" to "J-3"	27°03'25"N 49°49'28"E
		"A-2" to "J-6"	27°03'21"N 49°45'43"E
		"L-2" to "HE-4"	26°58'12"N 49°42'58"E
		"J-7" to "J-4"	27°02'25"N 49°47'26"E
		and change period to 5s	
		"J-8" to "J-5"	27°03'00"N 49°47'00"E
		and change period to 3s	
		"A-9" to "HE-3"	26°58'16"N 49°42'52"E
		and characteristic to Fl 5s	
62429	7Ed. 11/23/85 LAST NM 5/86		(23(1649)86 Taunton; SPA A154/86) 31/86
	Add	Buoy "22A", R, can, Oc(2) R 9s	27°04'07.8"N 49°40'40.2"E
		Buoy (mooring)	27°04'04.8"N 49°41'30.6"E
62429	7Ed. 11/23/85 LAST NM 31/86		(BA CH 3718) 48/86
	Delete	Buoy	27°00'47"N 49°42'38"E
	Add	Position circle (accurate)	
		"CONTROL TR"	27°01'24.6"N 49°40'25.4"E
62429	7Ed. 11/23/85 LAST NM 48/86		(SPA A168/86; 33(2386), 47(3439)86 Taunton) 5/87
	Delete	Legend "CAUTION No 1"	27°05.28'N 49°38.2'E
		Dashed line joining	27°06.25'N 49°43.06'E
			27°06.05'N 49°42.85'E
			27°05 .3'N 49°42.14'E
	Change	Lines 1-6 of caution note to	
		"1. Reserved."	26°57.12'N 49°35.50'E
		Legend "AL BARRI (OILFIELD)" to	
		"BERRI OILFIELD (see Note)"	27°05.61'N 49°38.20'E
	Add	Legend	
		"RESTRICTED OILFIELD AREA	
		(see Note)"	27°05.00'N 49°38.20'E
		Note	
		"BERRI OILFIELD	
		Numerous structures usually carrying navigational aids, other unlit objects and submerged obstructions sometimes marked by buoys, exist in the oilfield area shown on this chart.	
		In addition and in accordance with Saudi Seaports Authority Notices to Mariners the majority of such features have been omitted from this chart in the oil field area.	
		All surface structures are marked by lights Mo(U) 15s."	26°56.40'N 49°35.50'E
		Note	
		"RESTRICTED OILFIELD AREA	
		The Saudi Seaports Authority advise mariners not to enter the Restricted Oilfield area shown on this chart."	26°56.40'N 49°36.61'E
		Purple composite line between	27°06.25'N 49°42.95'E
			27°05.90'N 49°42.12'E
62429	7Ed. 11/23/85 LAST NM 5/87		(12(930)87 Taunton) 21/87
	Delete	Light	27°05.1'N 49°40.9'E
	Add	Buoy "21A" G, conical, Fl G 4s	27°04'43.8"N 49°40'52.0"E
62429	7Ed. 11/23/85 LAST NM 21/87		(MCNM8081/88) 18/88
	Delete	Topmark from buoys "J-5"	27°03'00"N 49°47'00"E
		"HE-1"	26°59'13"N 49°42'13"E
		"HE-2"	26°59'12"N 49°42'17"E
		"AJ-4"	27°02'03"N 49°43'52"E
		"R-5"	26°58'06"N 49°42'08"E
		"L-4"	26°58'11"N 49°42'21"E

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62429	(Continued)		18/88
	Delete	"L-6"	26°58′15″N 49°41′57″E
		"L-10"	26°58′29″N 49°41′22″E
		"AJ-2"	27°02′48″N 49°44′18″E
	Change	Buoys, each to G, conical	
		"AJ-3", Fl(3) G 10s	27°00′26″N 49°42′43″E
		"J-1", Fl G 3s	27°05′28″N 49°48′16″E
		"HE-3", Fl G 3s	26°58′16″N 49°42′52″E
		"R-1", Fl G 3s	26°58′45″N 49°41′40″E
		"R-3", Fl G 3s	26°58′20″N 49°42′13″E
		"R-7", Fl G 3s	26°57′52″N 49°42′09″E
		Buoys, each to R, can,	
		"AJ-6", Fl(3) R 10s	27°00′43″N 49°43′07″E
		"J-2", Fl R 3s	27°04′35″N 49°48′47″E
		"J-6", Fl(3) R 10s	27°03′21″N 49°45′43″E
		"L-8", Fl R 3s	26°58′18″N 49°41′37″E
		Buoys, each to Y, pillar, Fl Y 3s	
		"J-3"	27°03′25″N 49°49′28″E
		"J-4"	27°02′25″N 49°47′26″E
		"Danger"	26°58′18″N 49°41′49″E
		Buoy to "HE-4" BY, pillar, Q	26°58′12″N 49°42′58″E
		Period of lights, each to 10s	
		"1-E"	26°58′55″N 49°42′00″E
		"2-E"	26°58′48″N 49°42′09″E
62429	7Ed. 11/23/85 LAST NM 18/88		(46(3432)88 Taunton) 4/89
	Change	Light to Fl R 2s 12M HORN and delete sectors	27°01′51″N 49°41′59″E
		Light to Fl WR 4s 4M	27°04′08″N 49°41′50″E
		Note: Sectors remain unchanged	
		Lights to Fl R 4½s 2M	27°00′40″N 49°40′50″E
		Fl G 2s 5M	27°00′38″N 49°40′52″E
		Designation of buoys	
		"20/CH2" to "16/CH2"	27°03′01″N 49°43′48″E
		"P3" to "P4"	27°01′28″N 49°41′32″E
		"P5" to "P6"	27°01′09″N 49°41′09″E
		"S4" to "S3"	27°02′06″N 49°41′10″E
		"S6" to "S5"	27°01′44″N 49°40′46″E
62429	7Ed. 11/23/85 LAST NM 4/89		(SPA A192/89) 22/89
	Delete	Buoys "Expl 1"	27°02.0′N 49°50.3′E
		"Expl 2"	26°58.3′N 49°51.0′E
		"Expl 5"	26°57.6′N 49°49.3′E
		"Expl 6"	26°59.8′N 49°49.9′E
*62430	11Ed. 8/10/85	NEW EDITION	(DMAHTC: 45, 51/85 Bahrain; BA CH 3774) 48/85
		(And Plan)	
	Add	Light Mo(U) G HORN	28°41.50′N 48°23.50′E
		Solid line (pier) between	28°41.50′N 48°23.50′E
			28°41.53′N 48°22.72′E
		(Previously published 37/85)	
	Add	Platform with light flare symbol	28°22.1′N 49°33.5′E
		(Previously published 46/85)	
	Delete	Light flares	28°09.8′N 48°47.7′E
			29°46.7′N 48°21.5′E
	Add	Submerged wellhead marked by spar buoy, Y, "X" topmark,	
		Fl Y 5s	28°54′45″N 48°28′18″E
		Platform	28°11′48″N 48°46′48″E
		HORN to platform	28°16′30″N 49°28′18″E
62430	11Ed. 8/10/85 LAST NM 48/85		(82, 83/85 Bahrain) 1/86
	Add	Dangerous wreck	28°17′56″N 49°27′48″E
		Platform	28°28′53″N 49°23′06″E
62430	11Ed. 8/10/85 LAST NM 1/86		(11(837)86 Taunton) 23/86
	Delete	Buoy (mooring)	28°21.3′N 49°15.8′E
			28°20.8′N 49°16.7′E

(Continued on next page)

62430	(Continued)		23/86
	Change	Light to Mo(U) 15s	28°36.9'N 49°25.2'E
62430	11Ed. 8/10/85 LAST NM 23/86		(SPA 133/85; 11(838), 17(125)86 Taunton) 26/86
	Delete	Platform	28°41.3'N 49°23.1'E
		Platform "(ruins) uncov 1.5m"	28°44.4'N 48°32.2'E
		Stranded wreck "conspic"	29°28.0'N 47°54.3'E
	Add	Light flare symbol to platform (See 1/86-62430	28°28'53"N 49°23'06"E
		Depth 3.5 meters "Rep (1986)"	27°42'45"N 49°13'15"E
		Lights Fl 10s	27°44'57"N 49°30'32"E
		Fl G 10s	27°45'00"N 49°25'08"E
		Legend "Channel marked by lights" between	27°45'06"N 49°13'35"E 27°45'06"N 49°19'35"E
		Stranded wreck	29°28'48"N 47°54'30"E
		Depths 12.2 meters Wk	29°25'34"N 47°58'47"E
		6.7 meters Wk	29°25'03"N 47°55'40"E
62430	11Ed. 8/10/85 LAST NM 26/86		(SPA A151/86) 31/86
	Delete	Lights	27°44'57"N 49°30'32"E 27°45'00"N 49°25'08"E
		(See 26/86-62430)	
	Add	Lights "TE-F" Fl 10s	27°45'16"N 49°29'55"E
		"TE-I" Fl G 10s	27°45'16"N 49°24'13"E
62430	11Ed. 8/10/85 LAST NM 31/86		(MCNM7875/87) 5/87
	Delete	Limits of As Saffaniyah Oil Field	28°15.7'N 48°51.1'E
		Az Zuluf Oil Field	28°26.2'N 49°16.0'E
		Manifah Oil Field	27°42.7'N 49°02.8'E
		Legend "LAWAH OIL FIELD"	28°16.5'N 49°32.0'E
		Dashed lines joining	28°24.2'N 48°52.1'E
			28°24.1'N 48°52.1'E
			28°28.0'N 49°04.2'E
			28°29.3'N 49°04.2'E
		between	28°19.1'N 49°13.3'E
			28°19.1'N 49°14.8'E
		Legends "CAUTION NO 2"	29°16.0'N 49°33.1'E
			29°02.3'N 49°23.0'E
			28°54.1'N 49°05.0'E
			28°29.5'N 48°58.5'E
			28°24.7'N 49°17.2'E
			28°14.2'N 48°50.0'E
			27°41.0'N 49°05.0'E
		Buoys "Current meter"	28°08.0'N 48°51.2'E
			28°22.0'N 49°19.0'E
	Change	Lines 3-6 of caution note to "2. Reserved"	29°18.7'N 47°31.0'E
		Note to "OIL FIELDS Numerous structures usually carrying navigational aids, other unlit objects, submarine pipelines and submerged obstructions sometimes marked by buoys, exist in the oil field areas shown on this chart. These features are not all charted. In addition to and in accordance with Saudi Seaports Authority Notices to Mariners the majority of such features have been omitted from the Restricted Oil Fields Areas on this	

(continued on next page)

62430 (Continued) Change

5/87

chart.
Particular caution should be exercised by all vessels navigating in the vicinity of oil fields." 29°05.0'N 47°30.0'E

Add

Purple composite lines (restricted areas) joining 28°22.1'N 49°05.2'E
28°18.9'N 49°13.8'E
28°19.7'N 49°18.7'E
28°25.4'N 49°24.5'E
28°30.0'N 49°24.1'E
28°28.2'N 49°08.8'E
28°22.1'N 49°05.2'E

joining 27°59.9'N 48°47.5'E
28°00.8'N 48°50.0'E
28°11.3'N 48°53.3'E
28°21.0'N 49°01.2'E
28°25.1'N 49°05.7'E
28°29.2'N 49°04.3'E
28°23.2'N 48°49.3'E
28°21.8'N 48°47.3'E
28°10.0'N 48°43.6'E
28°00.9'N 48°41.7'E

joining 28°27.7'N 49°36.0'E
28°21.4'N 49°31.5'E
28°18.6'N 49°24.6'E
28°16.0'N 49°24.6'E
28°14.8'N 49°36.0'E

joining 27°53.9'N 48°49.3'E
27°51.4'N 48°56.2'E
27°46.9'N 49°03.1'E
27°39.7'N 49°09.9'E
27°32.2'N 49°07.5'E

and delete all platforms and pipes, lighted and unlighted, and submarine pipelines within each of the above restricted areas

Legend "MAHARAH OIL FIELD" 28°20.0'N 49°33.0'E

Legends "(see Note)" 29°30.7'N 49°22.0'E
29°01.0'N 49°24.0'E
28°57.7'N 49°07.8'E
28°52.5'N 49°03.3'E
29°16.0'N 49°33.3'E
28°42.7'N 49°26.5'E
28°37.5'N 49°33.5'E
28°29.9'N 48°58.0'E
28°15.0'N 48°51.0'E
28°25.5'N 49°16.0'E
28°19.5'N 49°33.0'E
27°42.3'N 49°02.5'E

Legends "RESTRICTED AREA (see Note)" 28°12.3'N 48°49.3'E
28°24.1'N 49°15.0'E
28°18.2'N 49°33.0'E
27°40.1'N 49°03.3'E

SUBREGION 62

Platform AERO AL FL WG 28°19.9'N 48°54.7'E

Platforms Fl 10s 28°16.8'N 49°05.0'E
28°07.0'N 49°10.6'E
27°54.1'N 49°20.2'E

Legends "All surface structures are marked by lights Mo(U) 15s" 28°22.0'N 49°14.7'E
28°07.0'N 48°46.8'E
27°37.2'N 49°02.5'E

Note
"RESTRICTED OILFIELD AREAS
The Saudi Seaports Authority advise mariners not to enter Restricted Oilfield areas shown on this chart." 29°14.7'N 47°48.3'E

(Continued on next page)

62430 (Continued)

	Add	Note "PIPELINES Attention is called to the fact that in many cases pipelines are not buried and charted depths may be decreased by up to two meters. In addition gas pipelines contain flammable natural gas under high pressure. Any ship damaging a line could face an immediate fire hazard. Vessels are requested not to anchor or trawl in the vicinity of pipelines."	5/87 29°05.0'N 47°48.3'E

62430 11Ed. 8/10/85 LAST NM 5/87 (50(3680)86 Taunton) 6/87

Substitute	Depth 8.5 meters for 0.5 meter	28°50.3'N 48°22.9'E

62430 11Ed. 8/10/85 LAST NM 6/87 (3(209)87 Taunton) 15/87

Delete	Light (PA)	27°31.1'N 49°34.1'E
Add	Light Fl	27°32'11"N 49°33'24"E

62430 11Ed. 8/10/85 LAST NM 15/87 (A174/87 SPA) 17/87

Delete	Light "TE-F" (See 31/86-62430)	27°45.3'N 49°29.9'E
Substitute	Light "FBE" Fl G 10s for platform	28°07.0'N 49°10.6'E
	Lights for platform "FBN" Fl 10s "FBS" Fl 10s (See 5/87-62430)	28°16.8'N 49°05.0'E 27°54.1'N 49°20.2'E

62430 11Ed. 8/10/85 LAST NM 17/87 (BA LL; 23, 25-27/87 Bahrain) 22/87

Delete	Lightfloat "Dorra"	28°51.1'N 49°19.2'E
Add	Buoy RW, pillar, ball topmark, L Fl 10s Racon	28°15.5'N 49°19.0'E
	Buoy BY, pillar, double cone topmark points upward, Q	28°07.2'N 49°32.0'E
	Lightfloat "Oilfield Approach North" Fl 15s Racon	28°30.0'N 49°30.0'E
	(And Plan)	
Change	Light to Oc WR 5s	28°44.6'N 48°23.8'E

62430 11Ed. 8/10/85 LAST NM 22/87 (BA CH 3773; 15(1165, 1168, 1169, 1172)87 Taunton) 24/87

Delete	Depth 20.5 meters Submerged wellhead and buoy	28°54.5'N 48°28.3'E 28°54.7'N 48°28.3'E
Change	Buoy "No 2" to R, can, Q(6) R 10s	28°56.6'N 48°46.0'E
	Lights to Q(6) 10s Mo(KHC) G 10M F 10M HORN	29°01.6'N 48°34.7'E 29°23.5'N 47°59.7'E 29°07.0'N 48°19.3'E
Add	Depth 20 meters Well Buoy Y, spar, "X" topmark, QY Solid line (jetty) between	28°54'30"N 48°28'18"E 28°55'15"N 48°28'18"E 29°23'52"N 48°00'18"E 29°23'18"N 48°00'06"E
	Platform with light symbol	27°41'12"N 49°10'46"E
	Purple composite line joining	28°49'50"N 48°16'49"E 28°49'50"N 48°20'22"E 28°53'50"N 48°20'22"E 28°53'50"N 48°16'58"E 28°52'57"N 48°16'58"E
	Legend "ANCH & FISH PROHIB" Depth 0.7 meter	28°52'45"N 48°18'45"E 29°24'21"N 47°49'54"E

62430 11Ed. 8/10/85 LAST NM 24/87 (17(1312)87 Taunton) 27/87

Delete	Depth 2.5 meters	28°48.0'N 48°44.7'E

62430 11Ed. 8/10/85 LAST NM 27/87 (MCNM7963/87) 35/87

Delete	Depth 4 meters "Rep (1983)"	28°28.5'N 49°26.8'E

62430	11Ed. 8/10/85 LAST NM 35/87		(24(1852), 26(1932), 28(2117)87 Taunton) 40/87
	Delete	Platform with light symbol (See 24/87-62430)	27°41.2'N 49°10.8'E
	Relocate	Buoy (28°55'15"N 48°28'18"E) to (See 24/87-62430)	28°54'31"N 48°28'18"E
	Change	Lines 3-6 of cautions note to "2. The Iranian Offshore Oil Company advise that Mariners should not enter within 3 nautical miles of platforms in the Now Ruz Oil Field." (See 5/87-62430)	29°18.7'N 47°31.0'E
	Add	Legend "CAUTION NO 2"	29°29'00"N 49°19'00"E
62430	11Ed. 8/10/85 LAST NM 40/87		(Ku CH 9E, 5E) 41/87
		(Plan)	
	Delete	Platform "(ruins) uncov 1.5m"	28°44'27"N 48°32'15"E
		Buoys	28°45'15"N 48°25'52"E 28°45'12"N 48°26'18"E 28°39'16"N 48°24'56"E 28°44'59"N 48°26'03"E 28°44'47"N 48°25'21"E
		(mooring)	28°38'48"N 48°25'23"E
		Anchorage symbols (large vessels	28°44'18"N 48°27'03"E 28°44'15"N 48°28'18"E
		Pilot station symbol	28°44'19"N 48°28'27"E
	Change	Buoys to orange and yellow, spar	28°44'57"N 48°25'34"E 28°44'57"N 48°25'12"E
	Add	Buoys Y, conical Fl(4) 10s Q	28°45'12"N 48°25'55"E 28°45'10"N 48°26'32"E
		Pilot station symbol Anchorage symbol (large vessels)	28°45'09"N 48°27'44"E 28°45'09"N 48°27'30"E
62430	11Ed. 8/10/85 LAST NM 41/87		(SPA A180/87) 42/87
	Add	Ra Ref to lights	27°54.1'N 49°20.2'E 28°07.0'N 49°10.6'E 28°16.8'N 49°05.0'E
		(See 17/87-62430)	
62430	11Ed. 8/10/85 LAST NM 42/87		(Ku CH 9E) 50/87
	Delete	Platform	29°15.8'N 48°36.8'E
		(Plan)	
	Add	Buoys YBY, pillar, double cone topmark points together, Q(9) 15s	28°45'42"N 48°23'24"E
		BY, pillar, double cone topmark points upward, Q	28°45'54"N 48°24'23"E
		BYB, pillar, double cone topmark bases together, Q(3) 10s	28°45'39"N 48°25'00"E
		YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s	28°45'05"N 48°24'36"E
		Buoys G, conical	28°45'51"N 48°23'46"E 28°45'57"N 48°24'54"E 28°45'18"N 48°24'58"E
		Beacon RW, Fl 5s	28°44'48"N 48°24'12"E
62430	11Ed. 8/10/85 LAST NM 50/87		(BA LL) 1/88
	Change	Lights to Fl(3) R 5s Q(4) 30s 10M	29°32'38"N 48°14'35"E 29°28'55"N 48°15'05"E
62430	11Ed. 8/10/85 LAST NM 1/88		(Ku CH 5E) 3/88
	Delete	Depth 2.5 meters "Rep (1958)"	28°32.8'N 48°33.3'E

SUBTOPIC 62

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62430	(Continued)		
	Substitute	Platform with light flare symbol for position circles	3/88
		"FLARE 3"	28°30.0'N 48°56.2'E
		"FLARE 2"	28°27.2'N 48°55.0'E
	Add	Platforms with light flare symbol	28°27'23"N 48°55'20"E
			28°30'30"N 48°58'20"E
			28°28'31"N 48°58'20"E
			28°27'45"N 48°58'22"E
			28°27'30"N 48°57'00"E
		Depth 2.2 meters	28°32'52"N 48°33'16"E
62430	11Ed. 8/10/85 LAST NM 3/88		(Ku CH 8E; 49(3704, 3705, 3706)87 Taunton) 4/88
	Delete	Danger circle "Obstr" and buoy	29°05.4'N 48°11.7'E
		Wreck (PA)	29°05.0'N 48°14.0'E
		Purple composite line between	29°07.3'N 48°09.2'E
			29°04.2'N 48°09.5'E
	Substitute	Depth 21 meters Wk for 17.5 meters Wk	29°04.6'N 48°12.2'E
	Add	Buoys, each yellow spar, Fl 4s	
		"A1"	29°07'00"N 48°09'16"E
		"B1"	29°06'05"N 48°09'16"E
		"C1"	29°05'05"N 48°09'16"E
		Purple composite line joining	29°07'16"N 48°09'00"E
			29°07'00"N 48°09'16"E
			29°04'15"N 48°09'16"E
		Range lights, front QG 10M	28°51'46"N 48°17'00"E
		rear Iso G 4s 10M	28°51'44"N 48°16'45"E
		Range line extending in 086° direction from rear light dashed for 0.85 mile, thence solid for 5 miles	28°51'44"N 48°16'45"E
		Legend "Ldg lights 266°" along above range line	28°52'15"N 48°20'30"E
		Solid line (breakwater) joining	28°51'22"N 48°17'00"E
			28°51'18"N 48°17'15"E
			28°51'45"N 48°17'30"E
		Light Fl(3) R 10s 7M HORN	28°51'45"N 48°17'30"E
		Depths 25 meters	28°56'15"N 48°50'49"E
		26 meters	28°56'15"N 48°42'54"E
		Pilot station symbol	29°07'10"N 48°11'30"E
62430	11Ed. 8/10/85 LAST NM 4/88		(MCNM8051/88) 7/88
	Delete	Lightfloat	29°24.7'N 49°08.8'E
62430	11Ed. 8/10/85 LAST NM 7/88		(81/87 Bahrain) 8/88
	Add	Dangerous wreck marked by buoy Y, pillar	29°05.7'N 48°16.7'E
62430	11Ed. 8/10/85 LAST NM 8/88		(Ku CH 5E) 9/88
	Change	Light to Oc WR 5s and add sectors white 163°-253°, red-273°, white-003°	28°44.5'N 48°23.7'E
		(Plan)	
	Delete	Light	28°44.6'N 48°23.7'E
	Add	Light Oc WR 5s with sectors white 163°-253°, red-273°, white-003°	28°44'33"N 48°23'44"E
		Position circle (accurate) "2 CHIMNEYS (R LTS)"	28°42'25"N 48°22'27"E
		Solid lines (jetty) between	28°42'18"N 48°22'46"E
			28°42'14"N 48°23'03"E
		between	28°41'35"N 48°22'43"E
			28°41'34"N 48°23'23"E

(continued on next page)

			9/88
62430	(Continued) Add	Light Mo(U) G 15s HORN	28°41′34″N 48°23′23″E
★62430	11Ed. 8/10/85 LAST NM 9/88 Change	Note to "OIL FIELDS Numerous structures usually carrying navigational aids, other unlit objects, submarine pipelines and submerged obstructions sometimes marked by buoys, exist in the oil field areas shown on this chart. These features are not all charted. Particular caution should be exercised by all vessels navigating in the vicinity of oil fields."	(MCNM8083/88) 16/88 29°05.0′N 47°30.0′E
	Add	Platforms with light flare symbol	28°19′45″N 49°35′30″E 28°16′24″N 49°28′20″E 28°13′24″N 48°48′26″E 28°01′48″N 48°49′06″E 28°11′42″N 48°46′42″E 28°18′10″N 48°47′45″E 28°19′52″N 48°54′36″E 28°19′55″N 48°54′58″E 28°19′36″N 48°55′36″E 28°22′20″N 48°57′26″E 28°24′12″N 48°55′18″E 28°14′00″N 48°52′42″E 28°10′00″N 48°48′36″E 28°09′12″N 48°46′08″E 28°07′33″N 48°48′23″E 28°06′00″N 48°45′16″E 28°04′18″N 48°43′15″E 28°04′20″N 48°46′50″E 28°02′15″N 48°41′54″E 28°24′18″N 49°17′00″E 28°23′35″N 49°19′30″E 28°22′49″N 49°14′24″E 28°22′45″N 49°13′48″E 28°21′40″N 49°13′48″E 28°22′06″N 49°12′24″E 28°22′20″N 49°10′46″E 28°21′50″N 49°10′30″E 28°21′15″N 49°10′48″E
62430	11Ed. 8/10/85 LAST NM 16/88 Add	HORN at platforms (See 16/88-62430)	(MCNM8083/88) 46/88 28°19′45″N 49°35′30″E 28°16′24″N 49°28′20″E
62430	11Ed. 8/10/85 LAST NM 46/88 Add	Buoy "Fairway" BY, pillar, double cone topmark points upward, Q Legend "(Marked by buoys)" between Anchorage symbol Pilot station symbol	(1(69)89 Taunton) 13/89 29°12.1′N 48°45.7′E 29°24.0′N 48°46.0′E 29°40.0′N 48°46.0′E 29°38.0′N 48°44.2′E 29°39.1′N 48°45.2′E
★62431	6Ed. 9/26/81	NEW EDITION	(DMAHTC) 45/81
62431	6Ed. 9/26/81 LAST NM 45/81 Add	Dangerous wreck (PA)	(47(3440)86 Taunton) 8/87 29°10′18″N 50°25′21″E
62431	6Ed. 9/26/81 LAST NM 8/87 Add	Stranded wreck (PA)	(9(722)89 Taunton) 20/89 29°16′47″N 50°22′35″E
★62432	11Ed. 8/31/85	NEW EDITION	(DMAHTC) 49/85
62432	11Ed. 8/31/85 LAST NM 49/85 (And Plan) Delete	Light "C"	(42(2805)85 Taunton) 52/85 29°01.9′N 48°10.6′E

SUBJECTS

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62432	11Ed. 8/31/85 LAST	NM 52/85	(10/87 Bahrain) 14/87
		(And Plan)	
	Add	Position circle "Island under construction"	29°01′45″N 48°12′16″E
62432	11Ed. 8/31/85 LAST	NM 14/87	(15(1166-1168)87 Taunton; BA CH 3773) 24/87
	Delete	Depth 20.5 meters	28°54.5′N 48°28.4′E
		Danger circle "wellhead" and buoy	28°54.8′N 48°28.4′E
	Change	Lights to F 10M HORN	29°06.7′N 48°19.2′E
		Q(6) 10s	29°01.6′N 48°34.6′E
	Add	Depth 20 meters Well	28°54′38″N 48°28′26″E
		Buoy Y, spar, "X" topmark, QY	28°55′24″N 48°28′26″E
		(And Plan)	
	Delete	Beacons	29°00.5′N 48°09.3′E
			29°00.6′N 48°09.6′E
		Range line and legend "Beacons...247°" between	29°01.9′N 48°13.0′E
			29°00.5′N 48°09.4′E
	Relocate	Lights "F" close W to	29°02′07″N 48°09′55″E
		"G" close NE	29°01′55″N 48°09′53″E
		"H" close NE	29°01′25″N 48°09′56″E
	Add	Position circles "Dol"	29°01′44″N 48°12′18″E
			29°01′38″N 48°12′20″E
			29°01′32″N 48°12′23″E
		Solid line (jetty) joining	29°01′44″N 48°12′16″E
			29°01′38″N 48°12′20″E
			29°01′32″N 48°12′23″E
		Submarine pipeline between	29°01′38″N 48°12′20″E
			29°00′55″N 48°09′35″E
		Range lights, front F (occas)	29°00′14″N 48°09′39″E
		rear F (occas)	29°00′05″N 48°09′14″E
		Range line extending in 067° direction from above rear light dashed for 4000 meters, thence solid for 2000 meters	
		Legend "Lights in line 247°" along above range line	29°01′09″N 48°11′54″E
		(Plan)	
	Add	Legends "Under construction (1987)"	29°01′28″N 48°11′11″E
			29°01′40″N 48°12′39″E
62432	11Ed. 8/31/85 LAST	NM 24/87	(28(2117)87 Taunton; Ku CH 8E) 40/87
	Delete	Buoy	28°59.7′N 48°16.5′E
	Relocate	Buoy (28°55′24″N 48°28′26″E) to	28°54′31″N 48°28′06″E
		(See 24/87-62432)	
		(Plan)	
	Add	Dredged area bound by pier and dashed line joining	29°02′43″N 48°09′55″E
			29°02′45″N 48°09′57″E
			29°02′58″N 48°09′55″E
			29°02′54″N 48°09′47″E
		Legend "12.5m"	29°02′50″N 48°09′54″E
62432	11Ed. 8/31/85 LAST	NM 40/87	(Ku CH 8E) 41/87
		(And Plan)	
	Delete	Danger circle "Obstr" and buoy	29°05.6′N 48°11.6′E
62432	11Ed. 8/31/85 LAST	NM 41/87	(DMAHTC; Ku CH 4E, 6E, 8E) 50/87
	Delete	Wreck (PA)	29°05′06″N 48°14′00″E
		Purple outline of chart 62433	29°16′39″N 48°11′04″E
	Relocate	Buoy close E to	29°22′26″N 48°05′59″E

(continued on next page)

			50/87
62432	(Continued)		
	Add	Purple outline of chart 62433 joining	29°23′00″N 48°11′00″E
			29°19′30″N 48°11′00″E
			29°19′30″N 48°03′30″E
		Dashed line between	29°23′00″N 48°11′34″E
			29°02′54″N 48°11′34″E
		Legend "Mina Al Ahmadi Port Limit" between	29°13′26″N 48°11′32″E
			29°16′42″N 48°11′32″E
		Depth 14.1 meters	29°05′00″N 48°28′39″E
		(And Plan)	
	Delete	Buoys	29°01′14″N 48°11′43″E
			29°01′08″N 48°12′39″E
		Beacons, range line and legend "Beacons in line 263°" between	29°03′24″N 48°08′33″E
			29°03′39″N 48°10′59″E
	Substitute	Depth 21 meters Wk for 17.5 meters Wk	29°04′48″N 48°12′15″E
	Add	Buoy, white spar	29°01′08″N 48°12′39″E
		(Plan)	
	Delete	Buoys	29°01′06″N 48°09′41″E
			29°01′05″N 48°09′45″E
			29°01′00″N 48°09′44″E
			29°01′08″N 48°09′54″E
		Lights	29°03′44″N 48°09′01″E
			29°03′36″N 48°09′02″E
	Substitute	Abandoned submarine pipelines for submarine pipelines between	29°04′00″N 48°09′01″E
			29°03′30″N 48°09′57″E
		between	29°03′18″N 48°09′07″E
			29°03′08″N 48°10′09″E
		between	29°04′50″N 48°08′28″E
			29°05′20″N 48°09′06″E
		between	29°05′40″N 48°08′19″E
			29°05′53″N 48°09′14″E
		between	29°05′53″N 48°08′19″E
			29°06′16″N 48°09′12″E
	Change	Light to FG	29°01′02″N 48°09′38″E
	Add	Lights FR	29°00′59″N 48°09′42″E
		Fl R 5s	29°03′41″N 48°09′22″E
		Fl G 5s	29°03′37″N 48°09′23″E
		Buoys (mooring)	29°01′07″N 48°12′36″E
		(mooring)	29°01′05″N 48°12′38″E
		(mooring)	29°01′04″N 48°12′42″E
		(mooring)	29°01′11″N 48°12′48″E
		(mooring)	29°01′12″N 48°12′49″E
		(mooring)	29°03′21″N 48°10′01″E
		Submarine pipeline joining	29°04′30″N 48°08′36″E
			29°05′03″N 48°09′11″E
			29°07′06″N 48°09′10″E
			29°07′28″N 48°09′02″E
		Dashed line between	29°10′00″N 48°11′34″E
			29°02′54″N 48°11′34″E
		Legend "Mina Al Ahmadi Port Limit"	29°07′36″N 48°11′32″E
62432	11Ed. 8/31/85 LAST NM 50/87		(49(3706)87 Taunton) 4/88
		(And Plan)	
	Delete	Purple composite line between	29°07′28″N 48°09′04″E
			29°04′24″N 48°09′34″E

(Continued on next page)

62432 (Continued)

Add	Buoys, each yellow spar, Fl 4s	
	"A1"	29°07'00"N 48°09'24"E
	"B1"	29°06'14"N 48°09'24"E
	"C1"	29°05'11"N 48°09'24"E
	Pilot station symbols with legend	
	"North Pier"	29°07'35"N 48°11'45"E
	"South Pier"	29°04'02"N 48°12'04"E
	Purple composite line joining	29°07'28"N 48°09'04"E
		29°07'00"N 48°09'24"E
		29°05'11"N 48°09'24"E
		29°04'24"N 48°09'34"E

62432 11Ed. 8/31/85 LAST NM 4/88 (Ku CH 8E; BA LL) 5/88
(And Plan)

Delete	Range lights, range line and legend "Lights in line 253°30'" between	29°02.4'N 48°09.0'E
		29°03.0'N 48°11.5'E

62432 11Ed. 8/31/85 LAST NM 5/88 (81/87 Bahrain) 8/88

Add	Dangerous wreck marked by buoy, Y, pillar	29°05'42"N 48°16'42"E

62432 11Ed. 8/31/85 LAST NM 8/88 (45/88 Bahrain) 33/88
(And Plan)

Change	Buoy to Y, spar, "X" topmark, QY (See 50/87-62432)	29°01'08"N 48°12'39"E

62432 11Ed. 8/31/85 LAST NM 33/88 (BA CH 1214) 14/89

Add	Position circle "Tr (R Lts)"	29°20'20"N 48°05'02"E

62432 11Ed. 8/31/85 LAST NM 14/89 (20/89 Bahrain) 22/89
(And Plan)

Add	"ANCHORAGE PROHIBITED" area bound by shore and purple dashed line joining	29°02'06"N 48°09'26"E
		29°02'06"N 48°13'14"E
		29°00'54"N 48°13'14"E
		29°00'54"N 48°09'35"E

★62433 9Ed. 6/9/84 NEW EDITION (DMAHTC; BA LL) 32/84

Relocate	Latitude designation 30° close S to next tick mark in left lower margin	
Add	Legend "Fl R 10s" to light	29°21'18"N 47°56'21"E

62433 9Ed. 6/9/84 LAST NM 32/84 (17(125)86 Taunton) 26/86

Delete	Stranded wreck "(conspic)"	29°28'03"N 47°54'26"E
Add	Stranded wreck	29°28'59.0"N 47°54'29.0"E
	Depths 12.2 meters Wk	29°25'35.4"N 47°58'47.8"E
	6.7 meters Wk	29°25'03.4"N 47°55'41.1"E

62433 9Ed. 6/9/84 LAST NM 26/86 (BA CH 1214; 46(3355)86 Taunton) 8/87

Change	Color of buoy to BY and topmark to double cone points upward	29°22'27"N 48°05'36"E

62433 9Ed. 6/9/84 LAST NM 8/87 (BA LL) 20/87

Change	Characteristic of light to Mo(KHC) G 30s	29°23'34"N 47°59'46"E

62433 9Ed. 6/9/84 LAST NM 20/87 (BA CH 1214) 23/87

Delete	Dashed lines (channel limit) joining	29°23'41"N 47°57'37"E
		29°23'28"N 47°57'24"E
		29°23'13"N 47°57'18"E
	joining	29°21'55"N 47°56'43"E
		29°21'45"N 47°56'40"E
		29°21'41"N 47°56'32"E
	Buoy "8"	29°23'28"N 47°57'25"E
	Light "15"	29°21'45"N 47°56'40"E

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62433	(Continued)		23/87
	Change	Designation of buoys	
		"10" to "12"	29°22′48″N 47°57′09″E
		"12" to "14"	29°22′15″N 47°56′58″E
		"14" to "18"	29°21′45″N 47°56′45″E
		"16" to "20"	29°21′31″N 47°56′41″E
		"17" to "19"	29°21′31″N 47°67′16″E
	Add	Buoys, each G, conical	
		"15" Fl(3) G 10s	29°21′55″N 47°56′43″E
		"17" Fl G 2½s	29°21′41″N 47°56′32″E
		Buoys, each R, can	
		"8" Fl(2) R 10s	29°23′41″N 47°57′37″E
		"10" Fl R 2½s	29°23′13″N 47°57′18″E
		"16" Fl R 5s	29°21′54″N 47°56′48″E
		Light Fl(3) Y 10s	29°21′27″N 47°55′56″E
		Dashed line (channel limit) between	29°21′55″N 47°56′43″E
			29°21′41″N 47°56′32″E
		and delete blue tint close SE	
		Dashed line (channel limit) between	29°23′13″N 47°57′18″E
			29°23′41″N 47°57′37″E
		and delete blue tint and 5-meter depth, contour close SW	
62433	9Ed. 6/9/84 LAST NM 23/87		(15(1169)87 Taunton) 24/87
	Add	Light Fl 3s	29°23′36″N 47°56′17″E
		Depth 2.5 meters	29°23′03″N 47°57′18″E
		Solid line (jetty) between	29°23′52″N 48°00′18″E
			29°23′26″N 48°00′13″E
62433	9Ed. 6/9/84 LAST NM 24/87		(Ku CH 7E) 41/87
	Substitute	Depth 1.6 meters Wk for 0.9 meter Wk and delete buoy close N	29°23.3′N 47°57.6′E
	Add	Buoys (mooring)	29°24′24″N 47°56′19″E
			29°24′30″N 47°56′02″E
		Depth 2.8 meters Wk	29°24′27″N 47°57′04″E
62433	9Ed. 6/9/84 LAST NM 41/87		(Ku CH 7E) 46/87
	Delete	Buoys "10"	29°23′13″N 47°57′18″E
		"16"	29°21′54″N 47°56′48″E
		"18"	29°21′45″N 47°56′45″E
		(See 23/87-62433)	
	Relocate	Buoys "12" close SE to	29°22′47″N 47°57′12″E
		"14" close E	29°22′14″N 47°56′58″E
		(See 23/87-62433)	
	Add	Buoys, each R, can	
		"10"	29°23′12″N 47°57′21″E
		"16"	29°21′51″N 47°56′50″E
		"18"	29°21′44″N 47°56′47″E
		Buoy (mooring)	29°23′50″N 47°58′03″E
		Lights Fl G 5s	29°21′12″N 47°56′10″E
		QG	29°20′51″N 47°55′21″E
		QG	29°20′54″N 47°55′20″E
		QG	29°21′07″N 47°55′11″E
62433	9Ed. 6/9/84 LAST NM 46/87		(Ku CH 3E, 6E) 50/87
	Delete	Dangerous wreck and buoy	29°24′12″N 48°09′03″E
	Relocate	Buoy close E to (See 8/87-62433)	29°22′20″N 48°05′59″E
	Substitute	Depth 15.5 meters Wk for 12.2 meters Wk	29°25′12″N 47°59′58″E
	Add	Depths 1 meter Wk	29°24′01″N 48°09′37″E
		17.4 meters	29°22′01″N 48°09′30″E
		12.8 meters	29°21′10″N 48°06′30″E

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62433	(Continued) Add	Buoy YBY, pillar, double cone topmark points together, Q(9) 15s	50/87 29°23'45"N 48°08'51"E
62433	9Ed. 6/9/84 LAST NM 50/87 Change	Period of light to 15s	(BA LL) 4/88 29°21'27"N 47°55'56"E
62433	9Ed. 6/9/84 LAST NM 4/88 Add	Position circles "Tr (R Lts)" "Water Tower"	(BA CH 1214) 14/89 29°20'17"N 48°04'57"E 29°21'56"N 48°01'36"E
★**62434**	5Ed. 1/8/83 Change	NEW EDITION Light to Fl Y 7½s 10m 4M	(DMAHTC; US LL) 8/83 29°57'38"N 48°30'10"E
62434	5Ed. 1/8/83 LAST NM 8/83 Change	Shape of buoys, each to can "2" (undesignated) (undesignated) (undesignated) (undesignated) "4" (undesignated)	(Ku CH 1E, 2E) 42/87 29°41.4'N 48°43.8'E 29°47.1'N 48°31.8'E 29°48.6'N 48°28.8'E 29°50.0'N 48°25.9'E 29°51.4'N 48°22.9'E 29°53.1'N 48°19.7'E 29°55.0'N 48°17.6'E
		Buoys, each to B, conical "3" Fl(3) 10s "5" Fl 10s "7" Fl 5s "9" Fl 10s "11" Fl 3s "13" Fl 10s "15" Fl(3) 15s "17" Fl 5s "19" Fl 10s	 29°42.9'N 48°40.8'E 29°44.4'N 48°37.7'E 29°45.9'N 48°34.8'E 29°47.3'N 48°31.8'E 29°48.9'N 48°28.8'E 29°50.3'N 48°25.9'E 29°51.7'N 48°22.8'E 29°53.2'N 48°20.0'E 29°55.3'N 48°17.6'E
	Add	Legend "(see Note)" between	29°53'38"N 48°32'51"E 29°53'00"N 48°32'06"E
		Note in upper right margin of chart "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart See Chart No. 1."	
		Note in upper left margin of chart "PIPELINES Attention is called to the fact that in many cases pipelines are not buried and charted depths may be decreased by up to two meters. In addition gas pipelines contain flammable natural gas under high pressure. Any ship damaging a line could face an immediate fire hazard. Vessels are requested not to anchor or trawl in the vicinity of pipelines."	
62434	5Ed. 1/8/83 LAST NM 42/87 Add	Buoy "E" G, conical, Fl(2) G 10s	(1(69)89 Taunton) 13/89 29°40'05"N 48°45'57"E
		Dashed line joining	29°39'00"N 48°42'57"E 29°40'05"N 48°42'57"E 29°40'05"N 48°40'57"E 29°39'00"N 48°40'57"E
		Legend "ANCHORAGE AREA" Pilot station symbol	29°39'32"N 48°41'57"E 29°39'05"N 48°42'57"E
★**62435**	3Ed. 5/2/81	NEW EDITION	(DMAHTC) 26/81
★**62437**	7Ed. 12/4/82	NEW EDITION	(DMAHTC) 4/83
62437	7Ed. 12/4/82 LAST NM 4/83 Add	Light "13" VQ(6) + L Fl 10s (PA)	(95/84 Bahrain) 5/85 29°57'20"N 48°03'07"E

62437	7Ed. 12/4/82 LAST NM 5/85		(Ku CH 2E, 10E) 42/87
	Delete	Buoy	30°02.0'N 48°08.8'E
		Depth 3.7 meters	29°59.4'N 48°08.3'E
	Change	Buoys, each to B, conical	
		"19" Fl 10s	29°55.3'N 48°17.6'E
		"21" Fl 3s	29°57.6'N 48°15.2'E
		"23" Fl(3) 15s	30°00.2'N 48°12.7'E
		"25" Fl 10s	30°01.8'N 48°09.0'E
		Buoys, each to R, can	
		(undesignated) Fl R 10s	29°55.0'N 48°17.6'E
		"6" Fl R 3s	29°59.9'N 48°12.6'E
		"8" Fl(3) R 10s	30°00.7'N 48°10.9'E
		"10" Fl R 5s	30°01.8'N 48°06.8'E
		"12" Fl R 3s	30°01.8'N 48°04.7'E
		"14" Fl(4) R 20s	30°01.2'N 48°02.8'E
		Shape of buoys to can	29°56.6'N 48°16.4'E
			29°59.2'N 48°09.9'E
			30°01.3'N 48°03.5'E
	Add	Note	
		"BUOYAGE	
		IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	29°53'42"N 48°13'11"E
		(Inset)	
	Change	Buoys "27" to B, conical, Fl 10s	29°59.8'N 48°00.9'E
		"16" to R, can, Fl R 10s	29°59.6'N 48°01.0'E
★62438	3Ed. 7/21/84	NEW EDITION	(DMAHTC) 41/84
★62439	3Ed. 8/25/84	NEW EDITION	(DMAHTC) 45/84
★62440	4Ed. 3/15/86	NEW EDITION	(DMAHTC; MCNM7767/86; 79/85 Bahrain) 25/86
	Add	Stranded wreck (Previously published 17/86)	25°20.9'N 52°26.3'E
	Change	Characteristic of lightship "DOHA" to Mo(D) 12s (Previously published 18/86)	25°16.8'N 51°41.5'E
	Substitute	Depth 17.5 meters for 7.5 meters	24°49.0'N 52°11.0'E
	Add	Enclosing depth contour (20-meter) to depth 18.9 meters	24°42.8'N 52°13.5'E
		Blue tint and enclosing depth contour (10-meter) to depth 9.4 meters	24°08.5'N 52°22.7'E
		Light symbol with legend "Wellhead"	25°08.9'N 52°39.8'E
62440	4Ed. 3/15/86 LAST NM 25/86		(21/86 Bahrain) 27/86
	Change	Visibility (range) of lightship "Doha" to 8M	25°16.8'N 51°41.5'E
62440	4Ed. 3/15/86 LAST NM 27/86		(BA CH 3951) 29/86
	Add	Platforms with light flare symbol	24°41'51"N 52°33'12"E
			24°42'48"N 52°35'23"E
			24°41'30"N 52°34'40"E
			24°40'45"N 52°35'15"E
			24°40'08"N 52°34'50"E
			24°39'40"N 52°33'55"E
		Light flare symbol to platforms	23°39'12"N 52°33'30"E
			24°40'53"N 52°34'00"E
		Anchorage symbol (large vessels)	24°46'10"N 52°27'00"E
62440	4Ed. 3/15/86 LAST NM 29/86		(40/86 Bahrain) 34/86
	Add	Buoy "Spoil Ground", yellow can, Fl Y	25°07'46"N 52°51'10"E
62440	4Ed. 3/15/86 LAST NM 34/86		(56/86 Bahrain) 47/86
	Add	Platform	24°51'39"N 53°02'37"E

SE BREGOY'S

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62440 4Ed. 3/15/86 LAST NM 47/86

Add	Depth 23.5 meters (PA)	(49(3603)86 Taunton; MCNM7900/87) 9/87
	Platform with light flare symbol	25°14.6'N 53°24.2'E
		24°55.3'N 52°33.2'E
	Submarine pipeline joining	24°52.1'N 53°04.2'E
		24°51.5'N 53°01.9'E
		24°52.5'N 53°00.4'E
		24°57.7'N 52°51.3'E
		24°57.9'N 52°50.9'E
		24°54.5'N 52°35.2'E
		24°55.9'N 52°33.8'E
		24°55.3'N 52°33.2'E
	Legend "CAUTION NO 2"	24°56.8'N 52°44.4'E

62440 4Ed. 3/15/86 LAST NM 9/87

Add	Depth 10.4 meters Well	(5(356)87 Taunton) 12/87
		25°15'04"N 52°35'08"E

62440 4Ed. 3/15/86 LAST NM 12/87

Delete	Depth 32 meters	(7(524)87 Taunton) 14/87
		25°14.3'N 53°24.3'E
Substitute	Depth 22.5 meters for 23.5 meters (PA) (See 9/87-62440)	25°14.6'N 53°24.2'E

62440 4Ed. 3/15/86 LAST NM 14/87

Delete	Light and sector limits	(13(1015)87 Taunton) 20/87
	Position circle "R Tr"	24°53.1'N 53°04.2'E
		24°53.2'N 53°04.0'E
Add	Light Fl 10s 199m 22M with legend "Radio Mast"	24°52'50"N 53°04'07"E

62440 4Ed. 3/15/86 LAST NM 20/87

Add	"Restricted Area" bound by purple composite-line circle, radius 0.5 mile, centered on platform (See 47/86-62440)	(43/87 Bahrain) 33/87
		24°51'39"N 53°02'37"E

62440 4Ed. 3/15/86 LAST NM 33/87

Add	Depth 13 meters "Rep (1987)"	(53/87 Bahrain) 38/87
		24°36'10"N 52°35'55"E

62440 4Ed. 3/15/86 LAST NM 38/87

Delete	Platform (PA)	(31(2345)87 Taunton) 40/87
		24°40.2'N 53°12.2'E
Change	Designation of buoy to "WM4"	24°40.1'N 52°56.3'E
Add	Danger circle "Well"	24°40'06"N 52°56'28"E
	Position circles "Pipe" with light flare symbol	24°40'25"N 53°12'22"E
		24°40'43"N 53°12'57"E

62440 4Ed. 3/15/86 LAST NM 40/87

Delete	Buoys "ADMA 1"	(35(2630, 2658)87 Taunton) 43/87
	"ADMA 6"	25°19.5'N 53°15.7'E
	"ADMA 7"	25°15.4'N 53°18.5'E
	"ADMA 3"	25°08.1'N 53°13.4'E
	"ADMA 8"	25°09.0'N 53°09.4'E
		25°18.2'N 53°10.2'E
	Platforms	25°17.8'N 53°14.4'E
		25°14.8'N 53°16.3'E
		25°12.1'N 53°16.9'E
		25°08.3'N 53°13.0'E
		25°11.1'N 53°08.9'E
		25°13.8'N 53°10.5'E
		25°16.7'N 53°11.9'E
Substitute	Platforms with light flare symbol for danger circles "Well"	25°19.2'N 53°15.3'E
		25°15.2'N 53°18.2'E
		25°07.9'N 53°12.9'E
		25°09.0'N 53°09.0'E
		25°17.4'N 53°09.8'E
Add	Platforms with light flare symbol	25°18'57"N 53°13'04"E
		25°16'55"N 53°18'20"E
		25°12'12"N 53°18'12"E
		25°09'24"N 53°15'31"E
		25°07'04"N 53°10'42"E
		25°11'44"N 53°07'25"E
		25°15'35"N 53°08'44"E

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			43/87
62440	(Continued) Add	Depth 15 meters	25°11'48"N 52°39'20"E
62440	4Ed. 3/15/86 LAST NM 43/87 Delete	Stranded wreck	(51(3864)87, 1(63)88 Tokyo) 7/88 25°20.9'N 52°26.3'E
	Add	Submarine cable between	25°08.9'N 52°39.8'E 25°06.4'N 52°37.5'E
		Submarine pipeline joining	25°08.9'N 52°39.8'E 25°08.0'N 52°38.1'E 25°07.6'N 52°37.5'E
		Dangerous wreck (Masts)	25°19.8'N 52°26.6'E
62440	4Ed. 3/15/86 LAST NM 7/88 Add	Buoys BRB, pillar, double ball topmark, Fl(2) 10s	(10(767)88 Taunton) 22/88 24°28'37"N 52°27'08"E
		RW, pillar, ball topmark, L Fl 10s	24°28'35"N 52°24'35"E
		G, conical, cone topmark, QG	24°28'15"N 52°20'53"E
		R, can, can topmark, QR	24°27'53"N 52°20'45"E
62440	4Ed. 3/15/86 LAST NM 22/88 Add	Legend "Less water rep (1988)"	(21(1613)88 Taunton; 43/88 Bahrain) 32/88 25°00.5'N 52°54.5'E
		Danger circle "Well"	25°08.1'N 52°27.6'E
62440	4Ed. 3/15/86 LAST NM 32/88 Add	Buoy RW, spherical, L Fl 10s	(39(2886)88 Taunton) 49/88 24°15.9'N 52°38.4'E
62440	4Ed. 3/15/86 LAST NM 49/88 Add	R Bn (AERO)	(40(2992)88 Taunton) 52/88 24°51.8'N 53°04.8'E
62440	4Ed. 3/15/86 LAST NM 52/88 Delete	Buoys "7"	(67/88 Bahrain) 2/89 24°46.8'N 53°23.8'E
		"8"	24°54.6'N 53°20.4'E
		"9"	24°58.3'N 53°20.4'E
		"10"	25°00.2'N 53°24.4'E
	Add	Platforms, each with light flare symbols "PW 52"	24°48.4'N 53°23.6'E
		"PW 146"	24°54.6'N 53°21.4'E
62440	4Ed. 3/15/86 LAST NM 2/89 Delete	Depth 10.5 meters	(MCNM1019/89) 8/89 24°29.2'N 52°29.9'E
	Add	Period 10s to buoy "7"	24°29.4'N 52°29.7'E
62440	4Ed. 3/15/86 LAST NM 8/89 Delete	Racon from platform "PW 147"	(50(3733)88 Taunton) 10/89 24°58.0'N 53°21.2'E
62440	4Ed. 3/15/86 LAST NM 10/89 Change	Period of buoy to 5s	(BA CH 3950, 2889) 14/89 24°26.7'N 53°25.2'E
		Buoy "Mubarraz Approach" to R, pillar, Fl R 5s	24°57.2'N 53°18.5'E
	Add	Depths 14.3 meters	25°03.25'N 52°14.65'E
		18.3 meters	24°55.73'N 52°18.60'E
		8.5 meters	24°52.30'N 52°06.63'E
		Pilot station symbol	24°32.75'N 52°26.60'E
62440	4Ed. 3/15/86 LAST NM 14/89 Add	Buoy BRB, pillar, double ball topmark	(7/89 Bahrain) 16/89 25°19.9'N 52°26.6'E
62440	4Ed. 3/15/86 LAST NM 16/89 Substitute	Swept depth 23 fathoms Wk for dangerous wreck and delete buoy	(BA CH 3778) 19/89 25°01.7'N 53°02.4'E
62440	4Ed. 3/15/86 LAST NM 19/89 Delete	Danger circles "Well"	(BA CH 3733) 20/89 24°55.2'N 53°27.0'E
		"Well"	24°51.7'N 53°23.2'E
		"Obstr"	24°52.8'N 53°12.7'E
962441	8Ed. 5/18/85	NEW EDITION	(DMAHTC) 32/85

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★62442	3Ed. 9/29/84	NEW EDITION	(DMAHTC; BA CH 1269) 46/84
	Add	Light flare to platforms	30°25'56"N 49°07'18"E
			30°25'28"N 49°07'07"E
★62445	3Ed. 3/17/84	NEW EDITION	
	Add	Platform (lighted)	(DMAHTC) 19/84
		(Previously published 15/84)	29°27.95'N 49°22.71'E
	Delete	Legend "CONTINUED ON 62437"	29°53.15'N 48°45.00'E
62445	3Ed. 3/17/84 LAST NM 19/84		
	Add	Light "17" Fl(3) 5s	(95/84 Bahrain) 5/85
			29°23'42"N 48°28'07"E
62445	3Ed. 3/17/84 LAST NM 5/85		
	Substitute	Depth 27 meters Wk for wreck	(BA CH 2884) 20/87
			29°17'57"N 49°31'27"E
62445	3Ed. 3/17/84 LAST NM 20/87		
	Delete	Buoys	(Ku CH 1E, 2E) 42/87
			29°42.4'N 48°40.4'E
			29°44.0'N 48°37.6'E
			29°45.5'N 48°34.7'E
	Change	Buoys, each to R, can	
		"2" Fl(4) R 20s	
		(undesignated) Fl(3) R 6s (PA)	29°41.4'N 48°43.8'E
		(undesignated) Fl R 5s (PA)	29°47.1'N 48°31.8'E
			29°48.6'N 48°28.8'E
		Buoys, each to B, conical	
		"3" Fl(3) 10s	
		"5" Fl 10s	29°42.9'N 48°40.7'E
		"7" Fl 5s	29°44.4'N 48°37.6'E
		"9" Fl 10s	29°45.9'N 48°34.8'E
		"11" Fl 3s	29°47.4'N 48°31.8'E
			29°48.9'N 48°28.8'E
	Add	Note in upper right margin of chart "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	
62445	3Ed. 3/17/84 LAST NM 42/87		
	Delete	Dangerous wreck	(Ku CH 3E) 50/87
		Buoy	29°28.1'N 48°35.0'E
		Platform	29°23.7'N 48°28.7'E
			29°15.8'N 48°36.7'E
	Change	Characteristic of light "17" to VQ(3) 5s	29°23'42"N 48°28'07"E
	Add	Depths 6.8 meters Wk	29°25'37"N 48°34'51"E
		8.1 meters Wk	29°27'15"N 48°38'36"E
★62445	3Ed. 3/17/84 LAST NM 50/87		
	Delete	Lightfloat	(MCNM8051/88) 7/88
			29°24.8' 49°08.7'E
62445	3Ed. 3/17/84 LAST NM 7/88		
	Add	Buoys, each G, conical,	(1(69)89 Taunton) 13/89
		"A" VQ(4) G 3s	29°24'06"N 48°46'06"E
		"B" Fl G 3s	29°28'06"N 48°46'06"E
		"C" Fl G 5s	29°32'16"N 48°46'06"E
		"D" Q(4) G 5s	29°36'09"N 48°46'00"E
		"E" Fl(2) G 10s	29°40'06"N 48°46'03"E
		"ANCHORAGE AREA" bound by dashed line joining	29°40'03"N 48°44'54"E
			29°36'03"N 48°44'54"E
			29°36'03"N 48°42'54"E
			29°40'03"N 48°42'54"E
		Pilot station symbol	29°39'03"N 48°44'54"E
★62449	1Ed. 8/20/83	NEW CHART	
		(Plan A)	(DMAHTC; BA CH 3781) 45/83
	Change	Legend "SM" to "SMALL"	25°08'29"N 52°53'11"E
	Add	Berth numbers "1"	25°08'33"N 52°53'23"E
		"2"	25°08'48"N 52°53'18"E
		"3"	25°08'56"N 52°54'08"E
		"4"	25°09'32"N 52°53'14"E

(continued on next page)

*62449	(Continued)		45/83
	Add	Legends "Restricted Area"	25°10'10"N 52°52'44"E 25°08'53"N 52°54'09"E 25°08'44"N 52°53'22"E
62449	1Ed. 8/20/83 LAST	NM 45/83 (Plan A)	(53/83 Bahrain; BA CH 3778) 4/84
	Change	Period of light to 15s	25°01'50"N 52°55'40"E
	Add	E. cardinal buoy: "1", BYB, pillar, double cone topmark bases together, VQ(3) 5s	25°02'06"N 53°00'52"E
		Safe water buoy: "5", RW, pillar, ball topmark, L Fl 6s	25°11'18"N 53°00'15"E
62449	1Ed. 8/20/83 LAST	NM 4/84 (Plan A)	(16/84 Bahrain) 12/84
	Change	Characteristic of buoy "5" to Mo(A) 10s (See 4/84-62449)	25°11'18"N 53°00'15"E
62449	1Ed. 8/20/83 LAST	NM 12/84 (Plan C)	(NVS7412/85) 13/85
	Substitute	Superbuoy TANKER with legend "Oil Loading Terminal" for platform "SPM"	24°46'33"N 52°31'39"E
	Add	Submarine pipeline joining	24°46'33"N 52°31'39"E 24°46'08"N 52°33'01"E 24°46'25"N 52°33'47"E
		Purple composite line between	24°48'56"N 52°29'20"E 24°43'00"N 52°29'20"E
		Light flare symbol to platform	24°43'52"N 52°35'04"E
		Legends "SEE CAUTION A"	24°45'12"N 52°34'36"E
		"ARZAMAH OILFIELD (Restricted Area)"	24°45'12"N 52°32'12"E
		Caution note in lower right margin of chart "CAUTION A Numerous uncharted oilwells, pipelines, cables and platforms exist south and south-southeastward of Arzanah Island."	
62449	1Ed. 8/20/83 LAST	NM 13/85 (Plan C)	(17(1140)85 Taunton) 30/85
	Change	Legend to "ARZANAH OILFIELD (Restricted Area-see Note)" (See 13/85-62449)	24°45'12"N 52°32'12"E
	Add	Note in lower right margin of chart "RESTRICTED AREA Only vessels under compulsory pilotage navigating to and from the Oil Loading Terminal, and other vessels as approved by the Arzanah Island Harbor Master, may enter the Restricted Area."	
62449	1Ed. 8/20/83 LAST	NM 30/85 (Plan C)	(BA CH 3951) 29/86
	Add	Anchorage symbol (large vessels)	24°46'20"N 52°27'00"E
62449	1Ed. 8/20/83 LAST	NM 29/86 (Plan B)	(BA CH 3452) 18/87
	Add	Depth 14.9 meters	25°12'01"N 54°14'33"E
62449	1Ed. 8/20/83 LAST	NM 18/87 (Plan A)	(BA CH 3781) 20/87
	Delete	Danger circle "Obstr"	25°08'58"N 52°53'36"E
62449	1Ed. 8/20/83 LAST	NM 20/87 (Plan A)	(49(3703)87 Taunton) 4/88
	Substitute	Danger circle "Obstr" for light	25°08'28"N 52°53'23"E

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62449	1Ed. 8/20/83 LAST NM 4/88		
		(Plan B)	(15(1157)88 Taunton) 27/88
	Add	Lights Fl G 5s 7m 5M	25°13'14"N 54°14'19"E
		Fl R 5s 7m 5M	25°13'11"N 54°14'18"E
		Solid line (breakwater) between	25°13'11"N 54°14'18"E
			25°13'11"N 54°14'13"E
62449	1Ed. 8/20/83 LAST NM 27/88		
		(Plan A)	(21(1613)88 Taunton) 32/88
	Add	Legend "Less water rep (1988)"	25°00.5'N 52°54.5'E
62449	1Ed. 8/20/83 LAST NM 32/88		
		(Plan B)	(BA CH 3452) 19/89
	Delete	Bn	
		Legend "Small Boat Ldg"	25°12'51"N 54°14'12"E
			25°12'40"N 54°14'08"E
★**62450**	3Ed. 5/11/85	NEW EDITION	(DMAHTC; BA CH 2883; 16/84 Teheran) 30/85
	Add	Dangerous wreck	28°45.1'N 50°45.0'E
		(Previously published 23/85)	
	Change	Buoy to W. cardinal buoy: YBY, pillar, double cone topmark points together, Q(9) 15s	
		(Previously published 27/85)	29°07.7'N 50°37.2'E
	Add	Buoy (current meter) UQ Ra Ref	27°44'N 49°45'E
		(Previously published 27/85)	
	Delete	Light flare from platforms	27°59.0'N 51°15.3'E
			27°58.3'N 51°16.0'E
	Relocate	Buoys	
		N. cardinal buoy "1" close NNE to	28°47.1'N 49°28.9'E
		S. cardinal buoy "1" close W	28°46.5'N 49°28.3'E
		N. cardinal buoy "2" close N	28°39.3'N 49°25.0'E
		S. cardinal buoy "2" close SSW	28°38.7'N 49°24.3'E
	Add	Lights, Fl HORN	27°59.5'N 51°14.3'E
			27°57.7'N 51°19.1'E
		Legend "Gas Wells"	27°59.0'N 51°13.5'E
		Buoy, BRB, pillar, double ball topmark, Fl(2) 6s	28°28.3'N 49°45.8'E
62450	3Ed. 5/11/85 LAST NM 30/85		
	Add	Platform Mo(U) 15s	(SPA A119/84) 46/85 28°22.1'N 49°33.5'E
62450	3Ed. 5/11/85 LAST NM 46/85		
	Change	Designation of buoy "1" to "2"	(41(2763P)85 Taunton) 52/85 28°57.8'N 50°44.3'E
62450	3Ed. 5/11/85 LAST NM 52/85		
	Add	Dangerous wreck	(82, 83/85 Bahrain) 1/86
		Platform	28°17'56"N 49°27'48"E
			28°28'53"N 49°23'06"E
62450	3Ed. 5/11/85 LAST NM 1/86		
	Change	Buoys, each to RW, pillar, ball topmark	(18(1, 2), 19(1, 2)85 Tehran) 11/86
		Fl 10s	27°43.3'N 52°10.1'E
		Q	27°38.5'N 52°20.7'E
	Add	Light Fl R 5s 5M to platform	27°38.3'N 51°31.2'E
		Lightfloat, BRB, Fl(2) 9s 6M	28°06.8'N 50°50.4'E
62450	3Ed. 5/11/85 LAST NM 11/86		
	Delete	Platform	(SPA A143/86) 19/86 28°06.7'N 49°51.5'E
62450	3Ed. 5/11/85 LAST NM 19/86		
	Change	Light (Q, Fl 10s) to Mo(U) 15s	(11(837)86 Taunton) 23/86 28°36.9'N 49°25.2'E
	Add	Light flare symbol to platform	28°36.2'N 49°36.8'E
62450	3Ed. 5/11/85 LAST NM 23/86		
	Delete	Platform	(SPA A133/85) 26/86 28°41.3'N 49°23.1'E
	Add	Light flare symbol to platform	28°28'53"N 49°23'06"E
		(See 1/86-62450)	

62450	3Ed. 5/11/85 LAST NM 26/86		(SPA A151/86) 31/86
	Add	Lights "TE-F" Fl 10s	27°45'16"N 49°29'55"E
		"TE-I" Fl G 10s	27°45'16"N 49°24'13"E
62450	3Ed. 5/11/85 LAST NM 31/86		(SPA A137, 163, 168/86; BA CH 3774, 3775) 5/87
	Delete	Limits of Al Marjan Oil Field	28°28.2'N 49°40.5'E
		Legend "AL MARJAN OIL FIELD"	28°31.0'N 49°39.5'E
		Dashed lines joining	28°21.0'N 49°41.8'E
			28°21.0'N 49°41.0'E
			28°19.8'N 49°41.0'E
		joining	27°18.0'N 49°45.0'E
			27°20.1'N 49°46.8'E
			27°18.0'N 49°47.2'E
		Legends "CAUTION NO 2"	28°25.3'N 49°43.0'E
			29°04.5'N 49°27.0'E
			28°35.5'N 49°41.0'E
	Relocate	Legends	
		"LAWHAH OILFIELD" close NW to	28°16.9'N 49°36.8'E
		"BERRI OIL FIELD" close NW	27°19.4'N 49°43.0'E
	Change	Lines 3-7 of caution note to	
		"2. Reserved"	28°02.5'N 52°31.0'E
	Add	Dashed line between	28°21.0'N 49°41.8'E
			28°19.8'N 49°41.0'E
		Purple composite lines (restricted area)	
		joining	27°20.3'N 49°34.2'E
			27°20.3'N 49°46.8'E
			27°18.0'N 49°47.2'E
		joining	28°33.8'N 49°40.0'E
			28°21.4'N 49°31.5'E
			28°18.6'N 49°24.6'E
			28°16.0'N 49°24.6'E
			28°14.3'N 49°38.1'E
			28°26.2'N 49°44.7'E
			28°27.9'N 49°42.0'E
			28°33.8'N 49°40.0'E
		joining	28°29.7'N 49°22.0'E
			28°30.0'N 49°24.1'E
			28°25.4'N 49°24.5'E
			28°23.0'N 49°22.0'E
		and delete all platforms and pipes, lighted and unlighted, and submarine pipelines in each of the above restricted areas	
		Legends "MAHARAH OILFIELD"	28°17.4'N 49°30.0'E
		"MARJAN OILFIELD"	28°28.7'N 49°39.2'E
		Legends "(see Note)"	27°18.5'N 49°43.0'E
			29°00.5'N 49°26.0'E
			28°43.0'N 49°25.0'E
			28°38.4'N 49°38.0'E
			28°27.7'N 49°39.2'E
			28°16.7'N 49°28.3'E
			28°15.8'N 49°36.2'E
		Legend "RESTRICTED AREA (see Note)"	28°22.0'N 48°38.0'E
		Legend "All surface structures are marked by lights Mo(U) 15s"	28°19.8'N 49°36.5'E
		Note	
		"OIL FIELDS	
		Numerous structures usually carrying navigational aids, other unlit objects, submarine pipelines and submerged obstructions sometimes marked by buoys, exist in the oil field areas shown on this chart. These features	

(continued on next page)

62450 (Continued)

Add

are not all charted. 5/87

In addition to and in accordance with Saudi Seaports Authority Notices to Mariners the majority of such features have been omitted from the Restricted Oil Field Areas on this chart.

Particular caution should be exercised by all vessels navigating in the vicinity of oil fields."

27°50.0'N 52°31.0'E

Note

"RESTRICTED OILFIELD AREAS

The Saudi Seaports Authority advise mariners not to enter the Restricted Oilfield areas shown on this chart."

28°04.5'N 51°51.7'E

Note

"PIPELINES

Attention is called to the fact that in many cases pipelines are not buried and charted depths may be decreased by up to two meters. In addition gas pipelines contain flammable natural gas under high pressure. Any ship damaging a line could face an immediate fire hazard. Vessels are requested not to anchor or trawl in the vicinity of pipelines."

28°00.0'N 52°12.3'E

(And Plan)

Delete — Legends "CAUTION NO 2"

28°15.5'N 49°33.0'E
29°11.0'N 50°14.5'E

Add — Legends "(see Note)"

29°15.8'N 49°32.7'E
29°08.3'N 50°14.0'E

(Plan)

Delete — Legend "CAUTION NO 2"

30°00.3'N 49°42.0'E

Add — Legends "(see Note)"

30°02.4'N 49°44.0'E
29°58.0'N 49°39.0'E

62450 3Ed. 5/11/85 LAST NM 5/87

Add — Dangerous wreck (PA)

(47(3440)86 Taunton) 8/87
28°29.5'N 50°47.3'E

(And Plan)

Add — Dangerous wreck (PA)

29°10.2'N 50°25.5'E

62450 3Ed. 5/11/85 LAST NM 8/87

(And Plan)

Delete — Legend "CAUTION NO 2"
(See 5/87-62450)

(BA CH 3774) 10/87
29°15.5'N 49°33.0'E

62450 3Ed. 5/11/85 LAST NM 10/87

Delete — Light (PA)

(3(209)87 Taunton) 15/87
27°31.1'N 49°34.0'E

Add — Light Fl

27°32'17"N 49°33'24"E

62450 3Ed. 5/11/85 LAST NM 15/87

Delete — Light "TE-F"
(See 31/86-62450)

(A174/87 SPA) 17/87
27°45.3'N 49°29.9'E

62450 3Ed. 5/11/85 LAST NM 17/87

Delete — Buoy "Az Zuluf Approach"

(24, 25, 27/87 Bahrain) 22/87
28°10.0'N 49°45.0'E

Add — Buoy BY, pillar,
double cone topmark points upward, Q
Lightfloat "Oilfield Approach North",
Fl 15s Racon

28°07.2'N 49°32.0'E

28°30.0'N 49°30.0'E

62450 3Ed. 5/11/85 LAST NM 22/87

Add — Buoy RW, pillar, ball topmark, Iso

(BA CH 2883) 24/87
27°27.7'N 52°35.7'E

62450 3Ed. 5/11/85 LAST NM 24/87

Delete — Depth 4 meters "Rep (1983)"

(MCNM7963/87) 35/87
28°28.5'N 49°26.8'E

62450	3Ed. 5/11/85 LAST NM 35/87		(26(1932)87 Taunton) 40/87
	Change	Lines 3-7 of cautions note to "2. The Iranian Offshore Oil Company advise that Mariners should not enter within 3 miles of platforms in the Hendijan Oil Field and Bahrgan Oil Field." (See 5/87-62450)	28°02.5'N 52°31.0'E
		(Inset)	
	Add	Dashed line "Port limit" joining	29°53'00"N 50°12'24"E 29°53'00"N 50°00'00"E 29°40'00"N 50°10'00"E 29°40'00"N 50°23'42"E
		Legends "CAUTION NO 2" "(see Note)" (See 5/87-62450)	30°00'30"N 49°41'00"E 29°43'30"N 50°13'30"E
		Note "BARKAN OIL LOADING TERMINAL The Iranian Offshore Oil Company advise Mariners that anchoring within the port limit is prohibited. Vessels should not enter the port area without permission from the port control."	29°49'00"N 50°30'00"E
62450	3Ed. 5/11/85 LAST NM 40/87		(47(3558)87 Taunton) 3/88
	Add	Dangerous wreck (PA)	27°35'00"N 51°35'00"E
★62450	3Ed. 5/11/85 LAST NM 3/88		(MCNM8083/88) 16/88
	Change	Note to "OIL FIELDS Numerous structures usually carrying navigational aids, other unlit objects, submarine pipelines and submerged obstructions sometimes marked by buoys, exist in the oil field areas shown on this chart. These features are not all charted. Particular caution should be exercised by all vessels navigating in the vicinity of oil fields."	27°50.0'N 52°31.0'E
	Add	Platforms with light flare symbol	28°06'42"N 49°51'30"E 28°29'10"N 49°39'03"E 28°31'42"N 49°39'48"E 28°29'12"N 49°37'21"E 28°27'05"N 49°38'10"E 28°24'00"N 49°40'45"E
		Platforms with light flare symbol HORN	28°19'45"N 49°35'30"E 28°16'24"N 49°28'20"E
62450	3Ed. 5/11/85 LAST NM 16/88		(16/63 Tehran) 49/88
	Delete	Buoy	28°28.3'N 49°45.7'E
	Add	Buoy BRB, pillar, double ball topmark, Fl(2) 6s	28°28.3'N 50°45.8'E
62450	3Ed. 5/11/85 LAST NM 49/88		(50(3736)88 Taunton) 10/89
		(Inset)	
	Add	Buoys (mooring)	29°26.7'N 50°25.1'E 29°25.2'N 50°23.8'E
62450	3Ed. 5/11/85 LAST NM 10/89		(9(722)89 Taunton) 20/89
		(And Inset)	
	Add	Stranded wreck	29°16.8'N 50°22.7'E
★62451	3Ed. 7/28/84	NEW EDITION	(DMAHTC: BA CH 3774) 41/84
	Change	Characteristic of buoy "1" to Fl(2) G 6s	28°25'26"N 48°32'23"E
	Relocate	Buoy "3" close SSE to	28°34'43.4"N 48°51'43.8"E
	Add	Legend "SAFFANIYAY OILFIELD"	28°22'36"N 48°54'00"E

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62451 3Ed. 7/28/84 LAST NM 41/84 (SPA A139/86; 33(2386)86 Taunton; BA CH 3774) 5/87

Delete Purple dashed line joining 28°20.00'N 48°46.97'E
28°22.00'N 48°47.76'E
28°23.18'N 48°49.40'E
28°24.15'N 48°52.07'E

Purple composite lines joining 28°25.62'N 48°56.50'E
28°24.15'N 48°52.07'E
28°27.22'N 48°52.07'E

joining 28°29.22'N 48°52.66'E
28°32.16'N 48°54.07'E
28°33.39'N 48°56.50'E

Caution note
Legend "Al Khafji (Oil Field)" 28°22.25'N 48°30.32'E
28°28.89'N 48°56.10'E

Legends "SEE CAUTION" 28°28.12'N 48°54.75'E
28°22.15'N 48°53.50'E

Legends
"ANCHORING AND FISHING
PROHIBITED" 28°25.80'N 48°53.65'E
28°30.32'N 48°54.38'E

Add Purple composite line joining 28°20.00'N 48°46.67'E
28°21.84'N 48°47.28'E
28°23.19'N 48°49.28'E
28°26.20'N 48°56.50'E

Dashed line joining 28°33.39'N 48°56.50'E
28°32.16'N 48°54.07'E
28°28.00'N 48°52.07'E
28°24.36'N 48°52.07'E

Legends
"AL KHAFJI OIL FIELD
(see Note)"
"(see Note)" 28°28.25'N 48°55.00'E
"RESTRICTED AREA (see Note)" 28°22.35'N 48°54.00'E
"All surface structures are marked
by lights Mo(U) 15s" 28°21.42'N 48°54.00'E
28°21.10'N 48°54.00'E

Note
"RESTRICTED OILFIELD AREAS
The Saudi Seaports Authority advise mariners not to enter the Restricted Oilfield areas shown on this chart." 28°22.80'N 48°30.32'E

Note
"OIL FIELDS
Numerous structures usually carrying navigational aids, other unlit objects submarine pipelines and submerged obstructions sometimes marked by buoys, exist in the oil field areas shown on this chart. These features are not all charted.
In addition to and in accordance with Saudi Seaports Authority Notices to Mariners the majority of such features have been omitted from the Restricted Oil Field Areas on this chart.
Particular caution should be exercised by all vessels navigating in the vicinity of oil fields." 28°21.00'N 48°30.32'E

Note
"PIPELINES
Attention is called to the fact that in many cases pipelines are not buried and charted depths may be decreased by up to two meters. In addition gas pipelines contain flammable natural gas under high pressure. Any ship damaging a line could face an immediate fire hazard. Vessels are requested not to anchor or trawl in the vicinity of pipelines." 28°22.25'N 48°30.32'E

62451	3Ed. 7/28/84 LAST NM 5/87		(21(1581)87 Taunton) 30/87
	Delete	Range line and legend "Lights...235°15'" between	28°26.2'N 48°33.6'E 28°24.6'N 48°31.1'E
	Change	Height of lights to 23m 16m	28°24.6'N 49°31.1'E 28°24.7'N 48°31.3'E
	Add	Range line extending in 054°42' direction from rear light dashed for 2000 meters, thence solid for 3100 meters	28°24'37"N 48°31'06"E
		Legend "Lights in line 234°42'" along above range line	28°26'01"N 48°33'12"E
62451	3Ed. 7/28/84 LAST NM 30/87		(46(3479)87 Taunton) 1/88
	Add	Light Fl G 10s (PA)	28°25'08"N 48°31'32"E
62451	3Ed. 7/28/84 LAST NM 1/88		(Ku CH 5E) 3/88
	Delete	Stranded wreck "Kaizo Maru" (PA)	28°31'59"N 48°34'21"E
		Depth 2.5 meters "Rep (1958)"	28°32'58"N 48°33'13"E
		Legend "Oil Well No 2"	28°27'18"N 48°55'30"E
	Substitute	Platform with light flare symbol for position circle "Flare 2"	28°27'10"N 48°54'51"E
	Add	Stranded wreck	28°31'50"N 48°34'24"E
		Depth 2.2 meters	28°32'52"N 48°33'16"E
62451	3Ed. 7/28/84 LAST NM 3/88		(MCNM8083/88) 16/88
	Change	Note to "OIL FIELDS Numerous structures usually carrying navigational aids, other unlit objects, submarine pipelines and submerged obstructions sometimes marked by buoys, exist in the oil field areas shown on this chart. These features are not all charted. Particular caution should be exercised by all vessels navigating in the vicinity of oil fields."	28°21.0'N 48°30.3'E
	Add	Platform with light flare symbol	28°24'12"N 48°55'18"E
★62452	3Ed. 5/12/84	NEW EDITION	(DMAHTC) 30/84
62452	3Ed. 5/12/84 LAST NM 30/84		(121, 122/85 SPA) 15/85
	Add	Platforms with light flare symbol	28°09'04.0"N 48°47'24.1"E 28°11'33.8"N 48°47'13.5"E
62452	3Ed. 5/12/84 LAST NM 15/85		(SPA A139/86; 33(2386)86 Taunton) 5/87
	Delete	Purple dashed line joining	28°05.00'N 48°42.46'E 28°15.15'N 48°45.05'E 28°21.17'N 48°47.40'E
		Legends "CAUTION NO 1"	28°09.62'N 48°45.48'E 28°16.98'N 48°46.82'E
	Change	Lines 1-4 of caution note to "1. Reserved."	28°16.38'N 48°22.50'E
	Add	Legend "SAFFANIYAH OIL FIELD (see Note)"	28°12.50'N 48°46.06'E
		Legend "RESTRICTED AREA (See Note)	28°09.00'N 48°45.58'E
		Purple composite line (restricted area) joining	28°05.00'N 48°42.48'E 28°10.04'N 48°43.61'E 28°21.17'N 48°47.22'E
		and delete all platforms and pipes, lighted and unlighted, and submarine cables within above restricted area	

SUBJECT GROUP 62

ued on next page)

62452 (Continued)
Add — Note — 5/87

"SAFFANIYAH OILFIELD
Numerous structures usually carrying navigational aids, other unlit objects and submerged obstructions sometimes marked by buoys, exist in the oilfield area shown on this chart.
In addition and in accordance with Saudi Seaports Authority Notices to Mariners the majority of such features have been omitted from this chart in the oilfield area.
All surface structures are marked by lights Mo(U) 15s." — 28°15.41'N 48°22.50'E

Note

"RESTRICTED OILFIELD AREA
The Saudi Seaports Authority advise mariners not to enter the Restricted Oilfield area shown on this chart." — 28°14.80'N 48°22.50'E

62452 3Ed. 5/12/84 LAST NM 5/87
Change — Note to — (MCNM8083/88) 16/88

"SAFFANIYAH OIL FIELD
Numerous structures usually carrying navigational aids, other unlit objects and submerged obstructions sometimes marked by buoys, exist in the oil field area shown on this chart.
All surface structures are marked by lights Mo(U) 15s." — 28°15.4'N 48°22.5'E

Add — Platforms with light flare symbol — 28°11'42"N 48°46'42"E
28°09'12"N 48°46'08"E
28°06'00"N 48°45'16"E

★62455 6Ed. 5/4/85 — NEW EDITION
Delete — Buoy "RAG 2" (Previously published 22/85) — (DMAHTC; BA LL) 28/85 — 27°08'25"N 50°05'40"E

Add — Height 4m to light — 27°22'08"N 49°53'52"E

Visibility (range) 4M to light — 27°01'50"N 49°41'58"E

Change — Line 9 of note to "marked by buoys. As these features are not all charted special caution should be exercised by vessels navigating in the vicinity. Maneuvering tankers should be given a wide" — 27°09'24"N 49°35'30"E

62455 6Ed. 5/4/85 LAST NM 28/85
Delete — Buoys "A-1" — (HNNM7534/85) 36/85 — 27°03'03"N 49°44'54"E
"A-3" — 27°02'08"N 49°44'29"E
"A-4" — 27°01'56"N 49°44'59"E
"A-5" — 27°00'52"N 49°43'55"E
"A-6" — 27°00'42"N 49°44'23"E

62455 6Ed. 5/4/85 LAST NM 36/85
Delete — Buoy "ENTRY-RAG" — (34(2269)85 Taunton) 43/85 — 27°13.0'N 50°11.4'E

62455 6Ed. 5/4/85 LAST NM 43/85
Relocate — Buoy "AJ-3" close SSE to — (HNNM7665/85) 5/86 — 27°00'27"N 49°42'46"E

Change — Designation of buoys
"J-9" to "J-1" — 27°05'28"N 49°48'18"E
"J-4" to "J-2" — 27°04'35"N 49°48'48"E
"J-5" to "J-3" — 27°03'24"N 49°49'31"E
"A-2" to "J-6" — 27°03'22"N 49°45'44"E
"J-7" to "J-4" — 27°02'25"N 49°47'27"E
and period to 5s
"J-8" to "J-5" — 27°02'59"N 49°47'01"E
and period to 3s
Period of buoy to 3s — 27°02'49"N 49°44'20"E

62455 6Ed. 5/4/85 LAST NM 5/86
Add — Buoy "22A", R, can, Oc(2) R 9s — (23(1649)86 Taunton) 31/86 — 27°04'10"N 49°40'38"E
Buoy (mooring) — 27°04'06"N 49°41'29"E

62455 6Ed. 5/4/85 LAST NM 31/86

		(MCNM7875/87) 5/87
Delete	Dashed line joining	27°19.7′N 49°35.3′E
		27°20.4′N 49°46.8′E
		27°16.8′N 49°47.4′E
		27°10.9′N 49°46.8′E
		27°08.6′N 49°45.2′E
		27°06.1′N 49°42.9′E
		27°05.7′N 49°42.1′E
	Lights	27°17.1′N 49°45.8′E
		27°14.8′N 49°45.6′E
Change	Legend "BARRI" to "BERRI"	27°13.89′N 49°41.85′E
	Note to "BERRI OILFIELD Numerous structures usually carrying navigational aids, other unlit objects and submerged obstructions sometimes marked by buoys, exist in the oilfield area shown on this chart. In addition and in accordance with Saudi Seaports Authority Notices to Mariners the majority of such features have been omitted from this chart in the oilfield area. All surface structures are marked by lights Mo(U) 15s."	27°09.62′N 49°36.10′E
Add	Legend "RESTRICTED AREA (see Note)"	27°11.20′N 49°42.45′E
	Purple composite line (restricted area) joining	27°20.34′N 49°34.24′E
		27°20.34′N 49°46.84′E
		27°16.74′N 49°47.44′E
		27°12.24′N 49°48.04′E
		27°06.24′N 49°42.94′E
		27°05.97′N 49°42.11′E
	and delete all pipes and platforms, lighted and unlighted, and submarine cables within above restricted area	
	Note "RESTRICTED OILFIELD AREA The Saudi Seaports Authority advise mariners not to enter the Restricted Oilfield area shown on this chart."	27°13.80′N 49°34.70′E
	Dashed line between	27°10.88′N 49°46.90′E
		27°08.58′N 49°45.18′E

62455 6Ed. 5/4/85 LAST NM 5/87

		(BA CH 3777) 25/87
Add	Depths 19.8 meters	27°05′06″N 50°01′01″E
	22 meters	27°05′05″N 50°06′39″E

62455 6Ed. 5/4/85 LAST NM 25/87

		(12(930)87 Taunton) 43/87
Delete	Light	27°05′08″N 50°40′51″E
Add	Buoy "21A" G, conical, Fl G 4s	27°04′44″N 49°40′51″E

62455 6Ed. 5/4/85 LAST NM 43/87

		(12(930)87 Taunton) 50/87
Delete	Light	27°05′08″N 49°40′51″E
	(See 43/87-62455)	

62455 6Ed. 5/4/85 LAST NM 50/87

		(MCNM8083/88) 16/88
Change	Note to "BERRI OIL FIELD Numerous structures usually carrying navigational aids, other unlit objects and submerged obstructions sometimes marked by buoys, exist in the oil field area shown on this chart. All surface structures are marked by lights Mo(U) 15s."	27°09.6′N 49°36.0′E
Add	Platform with light flare symbol	27°16′54″N 49°36′06″E

SUBREGION 62

62455	6Ed. 5/4/85 LAST NM 16/88		(MCNM8081/88) 18/88
	Delete	Topmark from buoys "AJ-4"	27°02'03"N 49°43'53"E
		"AJ-2"	27°02'49"N 49°44'19"E
		"J-5"	27°02'59"N 49°47'01"E
	Change	Buoys, each to G, conical,	
		"AJ-3", Fl(3) G 10s	27°00'27"N 49°42'46"E
		"J-1", Fl G 3s	27°05'28"N 49°48'18"E
		Buoys, each to R, can	
		"AJ-6", Fl(3) R 10s	27°03'22"N 49°45'44"E
		"J-2", Fl R 3s	27°05'36"N 49°48'47"E
		"J-6", Fl(3) R 10s	27°03'22"N 49°45'44"E
		Buoys, each to Y, pillar, Fl Y 3s	
		"J-3"	27°03'24"N 49°49'31"E
		"J-4"	27°02'25"N 49°47'27"E
62455	6Ed. 5/4/85 LAST NM 18/88		(MCNM8081/88) 22/88
	Change	Buoys, each to R, can	
		"AJ-6", Fl(3) R 10s	27°00'43"N 49°43'09"E
		"J-2", Fl R 3s	27°04'36"N 49°48'47"E
		"J-6", Fl(3) R 10s	27°03'22"N 49°45'44"E
		(See 18/88-62455)	
62455	6Ed. 5/4/85 LAST NM 22/88		(46(3432)88 Taunton) 4/89
	Change	Lights to Fl R 4½s 2M	27°00.7'N 49°40.8'E
		Fl G 2s 5M	27°00.7'N 49°40.9'E
		Fl R 2s 12M HORN	27°01.8'N 49°42.0'E
		Fl WR 4s 4M	27°04.0'N 49°41.7'E
62455	6Ed. 5/4/85 LAST NM 4/89		MCNM1012/89) 7/89
	Delete	Depth 9.5 meters	27°24.4'N 49°40.5'E
★**62457**	3Ed. 7/21/84	NEW EDITION	(DMAHTC) 41/84
62457	3Ed. 7/21/84 LAST NM 41/84		(15(1074)86 Taunton) 40/86
	Add	Depths 5 meters	24°55'16"N 51°34'51"E
		9.8 meters	24°55'27"N 51°35'42"E
		10 meters	24°55'41"N 51°35'38"E
		10 meters	24°56'38"N 51°35'44"E
62457	3Ed. 7/21/84 LAST NM 40/86		(18(1392)88 Taunton) 32/88
	Delete	Buoy	24°52'49"N 51°33'48"E
	Change	Characteristic of buoy "MB2" to	
		Fl R 5s	24°54'23"N 51°34'17"E
62457	3Ed. 7/21/84 LAST NM 32/88		(12/89 Bahrain) 16/89
	Change	Light to Fl R, FR (vert)	24°55'04"N 51°34'25"E
62457	3Ed. 7/21/84 LAST NM 16/89		(BA CH 3786) 18/89
	Delete	Depths 5.2 meters	24°55.8'N 51°34.8'E
		5.8 meters	24°55.9'N 51°34.9'E
	Add	Light Fl	24°53'13"N 51°33'37"E
		Depths 3.5 meters	24°55'55"N 51°34'55"E
		4.1 meters	24°55'49"N 51°34'48"E
★**62460**	2Ed. 11/17/84	NEW EDITION	(DMAHTC; 15(963)84 Taunton) 8/85
	Delete	Legend "PA"	25°53.8'N 54°33.3'E
	Change	Legend "Fl Mo(U) 37s" to	
		"Mo(U) 37s"	25°34.6'N 55°23.0'E
62460	2Ed. 11/17/84 LAST NM 8/85		(9(602)85 Taunton) 17/85
	Change	Visibility (range) of lights to 9M	26°30.9'N 53°58.8'E
		9M	25°53.1'N 55°01.9'E
		10M	26°16.3'N 55°18.1'E
		9M	26°37.9'N 55°54.0'E
62460	2Ed. 11/17/84 LAST NM 17/85		(36/85 Bahrain) 27/85
	Add	Superbuoy TANKER Mo(U) Fog Sig	25°31'36"N 54°28'18"E
62460	2Ed. 11/17/84 LAST NM 27/85		(15(1004)85 Taunton) 28/85
	Add	Submarine pipeline between	26°00.0'N 55°54.8'E
			25°58.8'N 55°58.0'E
62460	2Ed. 11/17/84 LAST NM 28/85		(BA CH 2888; 42/85 Bahrain) 32/85
	Delete	Platform	26°10.6'N 55°46.1'E

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62460	(Continued) Add	Platform with light flare symbol and legend "HORN"	32/85 26°10.5′N 55°45.6′E
62460	2Ed. 11/17/84 LAST NM 32/85 Relocate	Superbuoy TANKER (25°31′36″N 54°28′18″E) to (See 27/85-62460)	(65/85 Bahrain) 42/85 25°34′36″N 54°28′18″E
62460	2Ed. 11/17/84 LAST NM 42/85 Delete	Buoy	(62/85 Bahrain) 43/85 25°53.2′N 54°32.2′E
62460	2Ed. 11/17/84 LAST NM 43/85 Delete	Buoys "Bu Musa" (undesignated) (undesignated) (undesignated)	(15/85 Tehran) 44/85 25°58.0′N 54°59.0′E 26°42.3′N 54°15.7′E 26°33.3′N 53°53.3′E 26°44.3′N 53°58.3′E
62460	2Ed. 11/17/84 LAST NM 44/85 Delete	Buoy	(54, 60/85 Bahrain) 46/85 26°10.6′N 55°17.3′E
	Add	S. cardinal buoy: YB, pillar, double cone topmark points downward, VQ(6) + L Fl 10s	26°09.5′N 55°18.0′E
62460	2Ed. 11/17/84 LAST NM 46/85 Delete	Buoy	(84/85 Bahrain) 1/86 26°25.0′N 54°30.3′E
62460	2Ed. 11/17/84 LAST NM 1/86 Add	Depth 19 meters Wk (unsurveyed)	(13(1013)87 Taunton) 22/87 25°27′38″N 54°17′42″E
62460	2Ed. 11/17/84 LAST NM 22/87 Change	Buoy (mooring) "SBM" to superbuoy TANKER, Q HORN Mo(U) 30s with legends "Hulaylah Terminal" and "Storage Tanker"	(BA CH 3737; 16(1228)87 Taunton) 26/87 25°58.4′N 55°56.2′E
	Add	Light flare symbol to platforms	26°11′40″N 55°42′30″E 26°10′52″N 55°42′25″E 26°10′10″N 55°41′30″E
		Platforms with light flare symbol	26°11′50″N 55°43′50″E 26°10′00″N 55°45′25″E
		Depths 72 meters Wk 82 meters Well	26°11′00″N 55°44′55″E 26°09′15″N 55°44′03″E
		Legend "(All surface structures are marked by Q lights & HORN Mo(U) 30s)".	26°08′00″N 55°40′52″E
62460	2Ed. 11/17/84 LAST NM 26/87 Add	Depth 19.8 meters Wk	(56/87 Bahrain) 42/87 25°24′07″N 54°36′47″E
62460	2Ed. 11/17/84 LAST NM 42/87 Add	Submarine pipeline between	(37(2807)87 Taunton) 47/87 25°33′35″N 54°11′20″E 25°37′50″N 54°11′45″E
		Legend "CAUTION NO 3" between	25°34′35″N 54°11′10″E 25°37′00″N 54°11′25″E
62460	2Ed. 11/17/84 LAST NM 47/87 Delete	Anchorage area centered	(41(3103)87 Taunton) 50/87 25°37.5′N 55°24.2′E
	Add	Dashed-line circles, radius 1 mile, centered	25°37′30″N 55°24′06″E 25°30′00″N 55°25′00″E
		Pilot station symbols with legend "SBM" "LPG"	25°37′31″N 55°24′06″E 25°30′01″N 55°25′00″E
62460	2Ed. 11/17/84 LAST NM 50/87 Delete	Buoy	(45(3399)87 Taunton) 1/88 26°34.5′N 54°01.8′E
62460	2Ed. 11/17/84 LAST NM 1/88 Delete	Limits of oil field centered Lightflare symbol and legend "HORN" from platform	(1(62)88 Taunton; BA CH 3737) 7/88 26°11.2′N 55°42.3′E 26°10.5′N 55°45.6′E

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62460 (Continued)

Delete	Light, fog signal and legend "Storage Tanker" from superbuoy (See 26/87-62460)	25°58.4'N 55°56.2'E	7/88
Add	Dashed line (oil field limit) joining	26°10.2'N 55°40.2'E 26°13.2'N 55°42.2'E 26°10.8'N 55°47.1'E 26°07.2'N 55°44.6'E	
	"Anchorage Area" bound by dashed-line circle, radius 0.5 mile centered	25°58.2'N 55°53.2'E	
	Submarine pipelines between	26°11.4'N 55°42.9'E 25°59.7'N 55°55.6'E	
	between	25°58.4'N 55°56.2'E 25°57.1'N 55°58.0'E	

62460 2Ed. 11/17/84 LAST NM 7/88

Add	Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s	26°25'08"N 54°30'15"E	(15/88 Bahrain) 13/88

62460 2Ed. 11/17/84 LAST NM 13/88

Add	Depth 23.5 meters "Rep (1988)"	25°31.7'N 54°02.5'E	(10/88 Bahrain) 14/88

62460 2Ed. 11/17/84 LAST NM 14/88

Add	Depth 23 meters "Rep (1988)"	25°30'36"N 53°58'03"E	(MCNM8095/88) 21/88

★62460 2Ed. 11/17/84 LAST NM 21/88

Delete	Depth 23.5 meters "Rep (1988)" 23 meters "Rep (1988)" (Supersedes 14, 21/88-62460)	25°31.7'N 54°02.5'E 25°30.6'N 53°58.1'E	(MCNM8104/88) 25/88
Add	Depths 23 meters 26 meters 21 meters "Rep (1988)"	25°30'15"N 53°58'00"E 25°32'00"N 53°50'00"E 25°31'45"N 54°02'30"E	

62460 2Ed. 11/17/84 LAST NM 25/88

Add	Depths 15.8 meters 12.2 meters "Rep (1983)"	25°25'30"N 55°19'37"E 25°24'15"N 55°19'45"E	(16(1213)88 Taunton) 27/88

62460 2Ed. 11/17/84 LAST NM 27/88

Delete	Buoy	26°36.7'N 55°11.1'E	(18(1393), 20(1530)88 Taunton) 31/88
Add	Pilot station symbol	25°58.0'N 55°52.8'E	

62460 2Ed. 11/17/84 LAST NM 31/88

Add	Buoy YBY, pillar, double cone topmark points together, Q(9) 15s	26°33'15"N 53°53'18"E	(6, 7/67 Tehran) 46/88
	Lightfloats, each yellow Q Fl(2) 9s (See 1/88-62460)	26°34'30"N 54°01'48"E 25°58'05"N 54°59'00"E	

62460 2Ed. 11/17/84 LAST NM 46/88

Substitute	Depth 23.5 meters "Rep (1988)" for 21 meters "Rep (1988)" (See 25/88-62460)	25°31'45"N 54°02'30"E	(MCNM8083, 8104/88) 2/89
Change	Lines 13-16 of cautions note to "4. Reserved."	25°25.5'N 55°43.0'E	
	Legends "CAUTION NO 4" to "(see Note)"	25°37.5'N 54°21.4'E 25°28.0'N 54°24.6'E 26°12.5'N 55°45.2'E 25°48.3'N 55°11.0'E	
Add	Note "OIL FIELDS Numerous structures usually carrying navigational aids, other unlit objects, submarine pipelines and submerged obstructions sometimes marked by		

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62460	(Continued) Add	buoys, exist in the oil field areas shown on this chart. These features are not all charted. Particular caution should be exercised by all vessels navigating in the vicinity of oil fields."	2/89 25°36.0'N 55°43.0'E
62460	2Ed. 11/17/84 LAST NM 2/89 Add	Depth 23 meters "Rep (1988)"	(77/88 Bahrain) 7/89 25°42.4'N 55°14.0'E
62460	2Ed. 11/17/84 LAST NM 7/89 Add	Depth 24 meters	(50(3734)88 Taunton) 10/89 25°30.8'N 53°55.4'E
62460	2Ed. 11/17/84 LAST NM 10/89 Substitute	Depth 22.3 meters "Rep (1988)" (PA) for 23 meters "Rep (1988)" (Supersedes 7/89-62460)	(1(66)89 Taunton) 11/89 25°42.4'N 55°14.0'E
62460	2Ed. 11/17/84 LAST NM 11/89 Delete	Racon from position circle	(BA CH 2889, 3711) 14/89 25°49.7'N 55°11.8'E
	Add	Dangerous wreck (PA)	25°42.6'N 55°33.3'E
		"ANCHORAGE PROHIBITED" area bound by shore and purple dashed lines between	 25°28.5'N 55°29.3'E 25°33.0'N 55°22.7'E
		between	25°32.0'N 55°31.7'E 25°36.2'N 55°25.5'E
		and arc of a circle, radius 2 miles, centered arc joining	 25°34.5'N 55°24.3'E 25°33.0'N 55°22.7'E 25°35.8'N 55°22.4'E 25°36.0'N 55°25.5'E
		Buoy RW, pillar, ball topmark, Mo(A) 15s	25°32.2'N 55°26.0'E
62460	2Ed. 11/17/84 LAST NM 14/89 Substitute	Depth 2.3 meters for 2.5 meters	(BA CH 3452) 19/89 25°54.1'N 55°00.8'E
	Add	Buoy (mooring)	26°14.5'N 55°17.2'E
		Anchorage symbols (large vessels)	26°32.5'N 54°53.8'E 26°41.9'N 54°12.8'E 26°42.5'N 54°16.2'E
62460	2Ed. 11/17/84 LAST NM 19/89 Substitute	Depths 28 meters Foul for 30 meters 18.5 meters Wk for 19.8 meters Wk	(12(962), 14(1106)89 Taunton) 24/89 25°44.2'N 55°18.7'E 25°24.1'N 54°36.8'E
62471	1Ed. 12/10/88	NEW CHART	(DMAHTC, BA CH 2886; 70/88 Bahrain) N7/89
	Delete	Depths 9 meters "Rep (1977)" 8.5 meters	26°30.5'N 50°54.8'E 26°35.2'N 50°57.5'E
		Buoy	25°59.2'N 52°18.5'E
	Change	Period of light to 5s	26°10.3'N 50°42.8'E
	Add	Buoy Y, spherical, Fl Y	25°58.8'N 52°25.4'E
62471	1Ed. 12/10/88 LAST NM 7/89 Add	Rock awash enclosed by danger circle (ED) Depths 9 meters "Rep (1986)" 12 meters "Rep (1986)" 8 meters "Rep (1986)" 11 meters "Rep (1986)" 8.5 meters "Rep"	(1(67)89 Taunton) N11/89 25°31.8'N 51°38.4'E 25°26.1'N 52°01.4'E 25°36.1'N 51°59.5'E 25°43.7'N 52°18.8'E 25°55.9'N 52°03.4'E 25°36.2'N 51°53.7'E
62471	1Ed. 12/10/88 LAST NM 11/89 Add	Dangerous wreck "Rep (1989)"	(15/89 Bahrain) N20/89 25°57.2'N 51°52.8'E
62475	1Ed. 11/5/88	NEW CHART	(DMAHTC) N52/88

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★62480	Ed. 3/11/88	NEW EDITION	(DMAHTC; MCNM8026/87; 49(3702)87 Taunton) N32/88
	Add	Legend "Reported destroyed (1988)" (Previously published 25/88)	25°34.2'N 53°09.1'E
	Add	Legend "Rep Destr (1987)" to platform	25°58.0'N 52°54.2'E
		Depth 80 meters Wk (unsurveyed)	25°16.7'N 56°28.9'E
62480	Ed. 3/11/88 LAST NM 32/88		(26(1980)88 Taunton; 43, 44, 48/88 Bahrain) N33/88
	Delete	R Bn at light Racon from buoy	26°28.8'N 56°32.1'E 25°16.0'N 54°59.2'E
	Add	Danger circle "Well" Dangerous wreck	25°08.1'N 52°27.6'E 26°56.9'N 51°05.7'E
62480	Ed. 3/11/88 LAST NM 33/88		(MCNM8134/88; 30(2287)88 Taunton) N39/88
	Delete	Buoy "Grayswift" Racon at light	26°10.0'N 55°53.1'E 25°10.5'N 56°21.1'E
62480	Ed. 3/11/88 LAST NM 39/88		(6, 7/67 Tehran) N46/88
	Add	Lightfloats, each yellow Q Fl(2) 9s	26°34.0'N 54°01.8'E 25°58.8'N 55°00.0'E
		Buoy YBY, pillar, double cone topmark points together, Q(9) 15s	26°33.0'N 53°53.3'E
62480	Ed. 3/11/88 LAST NM 46/88		(40(2992)88 Taunton) N52/88
	Add	R Bn (AERO)	24°51.7'N 53°04.7'E
62480	Ed. 3/11/88 LAST NM 52/88		(73/88 Bahrain) N5/89
	Add	Buoy "Grayswift", yellow spherical, Fl Y 6s (See N39/88-62480)	26°10.0'N 55°53.0'E
62480	Ed. 3/11/88 LAST NM 5/89		(70, 77/88 Bahrain) N7/89
	Change	Period of light to 5s	26°10.4'N 50°43.0'E
	Add	Depth 23 meters "Rep"	25°42.4'N 55°14.0'E
62480	Ed. 3/11/88 LAST NM 7/89		(50(3733, 3734)88 Taunton) N10/89
	Delete	Racons	24°44.2'N 53°44.9'E 24°58.0'N 53°21.2'E
		Depth 23 meters "Rep"	25°30.5'N 53°58.0'E
	Add	Depths 24 meters 26 meters	25°30.7'N 53°55.4'E 25°23.6'N 53°38.3'E
62480	Ed. 3/11/88 LAST NM 10/89		(1(66, 67)89 Taunton) N11/89
	Substitute	Depth 22.3 meters "Rep" for 23 meters "Rep" (See 7/89-62480)	25°42.4'N 55°14.0'E
	Add	Depths 9 meters "Rep" 8 meters "Rep" 8.5 meters "Rep"	25°36.0'N 52°01.4'E 25°43.6'N 52°18.8'E 25°36.1'N 51°53.7'E
62480	Ed. 3/11/88 LAST NM 11/89		(7, 10, 13/89 Bahrain) N16/89
	Substitute	Depth 6.5 meters Wk for swept depth 7.3 meters Wk	26°25.4'N 50°45.8'E
	Add	Racon at light Buoy BRB, pillar, double ball topmark	26°28.5'N 56°32.1'E 25°19.8'N 52°26.6'E
62480	Ed. 3/11/88 LAST NM 16/89		(15/89 Bahrain) N20/89
	Add	Dangerous wreck "Rep"	25°57.2'N 51°52.8'E
62480	Ed. 3/11/88 LAST NM 20/89		(12(962), 14(1106)89 Taunton) N24/89
	Substitute	Depth 18.5 meters Wk for 19.8 meters Wk	25°24.1'N 54°36.8'E
	Add	Depth 28 meters Foul	25°44.2'N 55°18.7'E
★62481	3Ed. 2/8/86	NEW EDITION	(DMAHTC) 19/86

62481	3Ed. 2/8/86 LAST	NM 19/86	(BA CH 3781) 20/87
		(Plan A)	
	Add	Depth 50 meters	26°46′18″N 53°19′04″E
★62498	1Ed. 1/9/82	NEW CHART	(DMAHTC) 13/82
	Change	Note (Changes In Buoyage) to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	25°20′N 55°27′E
62498	1Ed. 1/9/82 LAST	NM 13/82	(24(1410)82 Taunton) 33/82
	Change	Light to VQ 13m 5M	25°16′55″N 55°15′57″E
62498	1Ed. 1/9/82 LAST	NM 33/82	(22(1412)83 Taunton) 32/83
	Delete	Legend "(under construction)	24°59′23″N 55°02′06″E
		Buoy	25°06′00″N 54°54′18″E
	Change	Lights to Fl R 5s 15m	25°01′14″N 55°02′34″E
		Fl G 5s 15m	25°01′14″N 55°02′19″E
	Add	Light Al WR 2s 8M	24°59′49″N 55°01′58″E
		Solid lines (breakwater) joining	24°59′34″N 55°02′15″E 24°59′45″N 55°02′10″E 24°59′47″N 55°02′01″E
		joining	24°59′32″N 55°01′55″E 24°59′38″N 55°01′54″E 24°59′49″N 55°01′58″E
62498	1Ed. 1/9/82 LAST	NM 32/83	(34/84 Bahrain) 22/84
	Add	Racon at light	25°13′39″N 55°17′18″E
62498	1Ed. 1/9/82 LAST	NM 22/84	(33(2160)84 Taunton) 44/84
	Add	Depth 5 meters Wk, marked close NW by isolated danger buoy: BRB, pillar, double ball topmark, Fl(2) 3s	25°16.45′N 55°03.34′E
62498	1Ed. 1/9/82 LAST	NM 44/84	(65/85 Bahrain) 42/85
		(Plan)	
	Add	Superbuoy TANKER Mo(U) Fog Sig	25°34′36″N 54°28′18″E
62498	1Ed. 1/9/82 LAST	NM 42/85	(22(1412)83 Taunton) 5/86
	Delete	Legend "Dredged to 16m (1981) (buoyed)"	25°07′34″N 54°55′42″E
		Dashed lines (channel limit) between	25°08′21″N 54°54′54″E 25°06′50″N 54°56′36″E
		between	25°08′16″N 54°54′49″E 25°06′44″N 54°56′31″E
		between	25°01′00″N 55°02′28″E 25°01′03″N 55°02′36″E
	Add	Legend "Dredged to 15m (1982) (buoyed)" between	25°05′24″N 54°58′06″E 25°04′26″N 54°59′13″E
62498	1Ed. 1/9/82 LAST	NM 5/86	(51/86 Bahrain; BA CH 2889) 50/86
	Add	Submarine pipeline joining	25°01.50′N 55°04.61′E 25°09.95′N 55°01.39′E 25°10.36′N 55°01.05′E 25°16.38′N 54°54.30′E 25°18.79′N 54°41.00′E
		Legend" GAS PIPELINE (CAUTION NO 1)" between	25°18.14′N 54°45.27′E 25°17.55′N 54°48.73′E
		(Plan)	
	Add	Submarine pipelines joining	25°36′06″N 54°25′34″E 25°34′58″N 54°26′30″E 25°34′16″N 54°26′55″E 25°32′00″N 54°27′16″E
		between	25°34′28″N 54°26′17″E 25°32′51″N 54°23′30″E

62498	1Ed. 1/9/82 LAST NM 50/86		(61/86 Bahrain) 3/87
	Add	Depth 12 meters Wk marked close N by buoy, BRB, pillar, double ball topmark, Fl(2) 3s	25°04'50"N 54°46'10"E
62498	1Ed. 1/9/82 LAST NM 3/87		
	Add	Dangerous wreck	(18/87 Bahrain) 18/87 25°16'18"N 55°08'22"E
62498	1Ed. 1/9/82 LAST NM 18/87		(17/87 Bahrain; 10(764)87 Taunton) 20/87
	Delete	Racon from light	25°13.6'N 55°17.3'E
	Add	Legend "Works in progress (1987)"	25°03'48"N 55°05'45"E
62498	1Ed. 1/9/82 LAST NM 20/87		(41(3103)87 Taunton) 50/87
	Add	Dashed-line arc of a circle, radius 1 mile, with pilot station symbol and legend "LPG", centered	
		arc between	25°30'00"N 55°25'00"E 25°30'00"N 55°23'54"E 25°30'00"N 55°26'06"E
62498	1Ed. 1/9/82 LAST NM 50/87		
	Add	Stranded wreck (PA) marked close N by buoy, BRB, pillar, double ball topmark Fl(2) 3s	(78/87 Bahrain) 5/88 25°07'12"N 54°51'54"E
★**62498**	1Ed. 1/9/82 LAST NM 5/88		
	Add	Stranded wreck (PA)	(MCNM8071/88) 12/88 25°15'36"N 54°59'24"E
62498	1Ed. 1/9/82 LAST NM 12/88		(16/88 Bahrain) 13/88
	Substitute	Depth 2 meters Wk marked close N by buoy BRB, pillar, double ball topmark, Fl(2) 3s for stranded wreck (FA) (Supersedes 12/88-62498)	25°15'36"N 54°59'24"E
62498	1Ed. 1/9/82 LAST NM 13/88		
	Delete	Depth 2 meters Wk and buoy (See 13/88-62498)	(19/88 Bahrain) 18/88 25°15'36"N 54°59'24"E
	Add	Depth 2 meters Wk marked close N by buoy BY, pillar, double cone topmark points upward, Q Racon	25°16'00"N 54°59'11"E
62498	1Ed. 1/9/82 LAST NM 18/88		
	Delete	Stranded wreck (PA) and buoy (Supersedes 5/88-62498)	(9(730)88 Taunton) 21/88 25°07'12"N 54°51'54"E
62498	1Ed. 1/9/82 LAST NM 21/88		
	Add	Depths 15.5 meters	(16(1213)88 Taunton) 27/88 25°25'23"N 55°19'48"E
		12 meters "Rep (1983)"	25°24'18"N 55°19'50"E
62498	1Ed. 1/9/82 LAST NM 27/88		
	Delete	Racon from buoy (See 18/88-62498)	(44/88 Bahrain) 32/88 25°16.0'N 54°59.2'E
62498	1Ed. 1/9/82 LAST NM 32/88		(BA CH 3739, 2889; 3(251, 252)89 Taunton) 14/89
	Delete	Legend "Works in progress (1987)"	25°03.8'N 55°05.8'E
	Change	Buoy to Y, conical, "X" topmark, Fl Y 2s	25°04.3'N 55°07.0'E
		Buoy "2" to "4" R, can, QR	25°22.8'N 55°22.2'E
		Characteristic of light to VQG	25°16.9'N 55°15.9'E
		Legend to "Water intakes"	25°04.1'N 55°06.7'E
	Add	Submarine pipeline between	25°03'54"N 55°06'59"E 25°04'11"N 55°06'40"E
		Buoys Y, conical, "X" topmark, Fl Y 2s RW, pillar, ball topmark, L Fl 10s	25°04'11"N 55°06'40"E 25°06'56"N 54°56'26"E
		Visibility (range) to lights 8M 8M	25°01'12"N 55°02'18"E 25°01'12"N 55°02'34"E
		Lights Al WR 2s 8M (AERO) Oc R 3s 58m 20M	24°59'26"N 55°01'24"E 25°01'18"N 55°04'36"E

(continued on next page)

62498	(Continued)		14/89
	Add	Pilot station symbol	25°18′27″N 55°16′03″E
		Position circle "R Tr (73) (R Lts)"	25°14′37″N 55°16′20″E
		Buoy "2" R, can, Fl R 3s	25°22′53″N 55°21′34″E
62498	1Ed. 1/9/82 LAST NM 14/89		
	Add	Dangerous wreck	(12(963)89 Taunton) 24/89 25°21.1′N 55°18.1′E
★62499	2Ed. 2/2/85	NEW EDITION	(DMAHTC) 16/85
62499	2Ed. 2/2/85 LAST NM 16/85		
	Delete	Dashed lines (channel limit) between	(22(1412)83 Taunton) 5/86 25°06′50″N 54°56′39″E 25°08′22″N 54°54′54″E
		between	25°06′46″N 54°56′30″E 25°08′17″N 54°54′48″E
		between	25°01′03″N 55°02′37″E 25°00′59″N 55°02′28″E
		Legend "Dredged to 16m (1981)"	25°07′36″N 54°55′40″E
	Change	Legends to "Dredged to 15m (1982)" "Dredged to 15m"	25°02′40″N 55°01′12″E 25°00′30″N 55°02′46″E
	Add	Legend "Dredged to 15m (1982)" between	25°06′16″N 54°57′09″E 25°06′00″N 54°57′29″E
62499	2Ed. 2/2/85 LAST NM 5/86		(51/86 Bahrain) 50/86
	Change	Legend to "GAS PIPELINES (Caution No 1)"	25°04′05″N 55°03′44″E
	Add	Submarine pipeline between	25°01′29″N 55°04′37″E 25°10′00″N 55°01′23″E
62499	2Ed. 2/2/85 LAST NM 50/86		(10(764)87 Taunton) 19/87
	Add	Legend "Works in progress (1987)"	25°04′00″N 55°06′00″E
62499	2Ed. 2/2/85 LAST NM 19/87		(78/87 Bahrain) 5/88
	Add	Stranded wreck (PA) marked close N by buoy, BRB, pillar, double ball topmark, Fl(2) 3s	25°07′12″N 54°51′54″E
62499	2Ed. 2/2/85 LAST NM 5/88		(9(730)88 Taunton) 21/88
	Delete	Stranded wreck (PA) and buoy (Supersedes 5/88-62499)	25°07′12″N 54°51′54″E
62499	2Ed. 2/2/85 LAST NM 21/88		(37(2774)88 Taunton) 46/88
	Relocate	Buoy close NW to	25°06′56″N 54°56′26″E
62499	2Ed. 2/2/85 LAST NM 46/88		(46(3431)88 Taunton) 4/89
	Delete	Buoy	25°00′08″N 55°03′00″E
62499	2Ed. 2/2/85 LAST NM 4/89		(BA CH 3739) 14/89
	Delete	Legend "Works in progress (1987)"	25°04.0′N 55°06.0′E
	Change	Buoy to Y, conical, "X" topmark, Fl Y 2s	25°04′18″N 55°06′59″E
		Legend to "Water Intakes (Buoyed)"	25°04′08″N 55°06′57″E
	Add	Submarine pipeline between	25°03′54″N 55°07′01″E 25°04′11″N 55°06′42″E
		Buoy Y, conical, "X" topmark, Fl Y 2s	25°04′11″N 55°06′42″E
		Visibility (range) to lights 8M 8M	25°01′14″N 55°02′19″E 25°01′13″N 55°02′35″E
		Lights Al WR 2s 8M (AERO) Oc R 3s 58m 20M	24°59′24″N 55°01′25″E 25°01′16″N 55°04′35″E
		Land tint to area bound by shore and solid line between	24°58′43″N 55°03′12″E 24°58′35″N 55°03′03″E

(Continued on next page)

62499 (Continued)

Add

Dredged area with legend "7.5m" bound by shore and dashed line between

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24°58′34″N 55°03′03″E
24°58′27″N 55°03′10″E

★63000	13Ed. 3/22/86	NEW EDITION	(DMAHTC) 23/86
63000	13Ed. 3/22/86 LAST Add	NM 23/86 Depths 3 fathoms 3 feet 2 fathoms 5 feet	(7(182)86 Dehra Dun) 25/86 20°42.2'N 71°54.8'E 20°42.4'N 71°57.2'E
63000	13Ed. 3/22/86 LAST Delete	NM 25/86 Light	(8(215)86 Dehra Dun) 32/86 21°06.5'N 70°05.8'E
	Add	Light Fl(2) 17M	21°06.3'N 70°06.2'E
63000	13Ed. 3/22/86 LAST Add	NM 32/86 Light Fl(3) 20M	(14(376)86 Dehra Dun) 40/86 21°56.4'N 69°13.8'E
63000	13Ed. 3/22/86 LAST Add	NM 40/86 Stranded wreck	(15(407)86 Dehra Dun) 43/86 23°30.2'N 68°20.4'E
63000	13Ed. 3/22/86 LAST Change	NM 43/86 Light to Fl(4) 18M, FR 14M SIREN	(20(525)86 Dehra Dun) 52/86 20°53.8'N 71°32.5'E
63000	13Ed. 3/22/86 LAST Delete	NM 52/86 Platforms (3) "Rep (1977)" in vicinity	(41(4184)86 Hamburg) 1/87 °18°50.0"N 70°48.5'E
63000	13Ed. 3/22/86 LAST Add	NM 1/87 Position circle "Pipe (15) Mo(U)" Legends "SUBMARINE EXERCISE AREA"	(21(557)86 Dehra Dun; MCNM7892/87) 6/87 19°38.7'N 71°59.5'E 22°17.0'N 68°10.0'E 21°54.0'N 67°31.0'E
63000	13Ed. 3/22/86 LAST Add	NM 6/87 Submarine cable joining	(50(169)86 Karachi) 10/87 24°30.0'N 65°36.0'E 24°34.2'N 65°52.0'E 24°34.9'N 65°55.0'E 24°35.9'N 65°58.0'E 24°45.0'N 66°30.0'E 24°45.0'N 66°40.0'E 24°47.6'N 66°50.7'E 24°48.9'N 66°51.5'E 24°51.7'N 66°50.9'E
63000	13Ed. 3/22/86 LAST Add	NM 10/87 Dangerous wreck (PA)	(11(276)87 Dehra Dun) 37/87 23°27.9'N 68°04.1'E
63000	13Ed. 3/22/86 LAST Substitute	NM 37/87 Depth 12 fathoms "Rep" for 33 fathoms "Rep (1961)"	(13(318)87 Dehra Dun) 43/87 19°00.0'N 69°55.0'E
63000	13Ed. 3/22/86 LAST Add	NM 43/87 Submarine cable joining	(16(392)87 Dehra Dun) 48/87 18°56.3'N 72°49.5'E 18°59.9'N 71°49.6'E 18°59.9'N 71°00.6'E 19°31.0'N 69°38.0'E
63000	13Ed. 3/22/86 LAST Delete	NM 48/87 Fog signal from lights HORN HORN NAUTO	(18(445, 446)87 Dehra Dun) 51/87 22°14.2'N 68°57.5'E 20°41.4'N 70°49.7'E 21°02.4'N 71°49.0'E
	Add	Wreck	19°13.0'N 70°31.0'E
63000	13Ed. 3/22/86 LAST Add	NM 51/87 Dangerous wreck (PA)	(1(40)88 Dehra Dun) 17/88 20°24.6'N 72°06.4'E
63000	13Ed. 3/22/86 LAST Delete	NM 17/88 Stranded wreck	(17(416)87 Dehra Dun) 25/88 18°50.5'N 72°46.0'E
63000	13Ed. 3/22/86 LAST Add	NM 25/88 Legend "Less water (least depth 8 fathoms)"	(33(2533)88 Taunton) 43/88 20°39.0'N 71°25.0'E
		Depths 8 fathoms 2 feet 7 fathoms 2 feet 7 fathoms 4 feet 7 fathoms	20°40.9'N 71°33.1'E 20°44.6'N 71°34.9'E 20°46.1'N 71°30.9'E 20°50.5'N 71°33.9'E
63000	13Ed. 3/22/86 LAST Add	NM 43/88 Racon at light	(24(616)88 Dehra Dun) 11/89 21°37.9'N 69°37.5'E

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63000 13Ed. 3/22/86 LAST NM 11/89 (1(44), 2(61), 3(90), 4(110)89 Dehra Dun) 19/89
Add Purple dashed-line circles 20°46.3'N 69°00.3'E
"Unexploded ordnance (Rep 1988)" 21°11.0'N 68°35.0'E
20°45.2'N 68°00.0'E
20°58.8'N 68°02.1'E

63000 13Ed. 3/22/86 LAST NM 19/89 (5(136)89 Dehra Dun) 21/89
Add Purple dashed-line circle 20°45.0'N 68°55.0'E
"Unexploded ordnance (rep 1988)"

63000 13Ed. 3/22/86 LAST NM 21/89 (6(155)89 Dehra Dun) 24/89
Add Purple dashed-line circle 20°28.2'N 69°10.7'E
"Unexploded ordnance (Rep 1988)"

★**63005** 17Ed. 8/22/87 NEW EDITION (DMAHTC) 47/87

63005 17Ed. 8/22/87 LAST NM 47/87 (18(446)87 Dehra Dun) 51/87
Delete Dangerous wreck (PA) 17°17.0'N 72°58.0'E

63005 17Ed. 8/22/87 LAST NM 51/87 (MCNM8159/88) 44/88
Add Depths 624 meters 11°43.0'N 73°00.7'E
419 meters 11°44.2'N 73°01.0'E

63005 17Ed. 8/22/87 LAST NM 44/88 (MCNM1023/89) 10/89
Delete Depth 366 meters 12°48'N 71°14'E

Substitute Depth 366 meters for 378 meters 12°50.9'N 71°29.2'E

63005 17Ed. 8/22/87 LAST NM 10/89 (22(568)88 Dehra Dun) 11/89
Delete Obscured sector from light 10°33.9'N 72°38.9'E

63005 17Ed. 8/22/87 LAST NM 11/89 (6(156)89 Dehra Dun) 24/89
Add Purple dashed-line circle 17°11.1'N 71°29.0'E
"Unexploded ordnance (Rep 1989)"

★**63010** 14Ed. 1/18/86 NEW EDITION (DMAHTC; 23(554)84 Dehra Dun) 13/86
Change Light to Fl 6s 7M 4°35.5'N 73°29.5'E

63010 14Ed. 1/18/86 LAST NM 13/86 (6(160)86 Dehra Dun) 20/86
Add Racon to light 10°18.6'N 79°51.7'E

63010 14Ed. 1/18/86 LAST NM 20/86 (MCNM7875/87) 6/87
Add Legend "Submarine Exercise Area" 9°31.5'N 75°48.5'E

63010 14Ed. 1/18/86 LAST NM 6/87 (11(847)87 Taunton) 21/87
Add Depth 27 fathoms "Rep (1986)" 7°37.5'N 72°44.1'E

63010 14Ed. 1/18/86 LAST NM 21/87 (8(239)88 Dehra Dun) 28/88
Add Light Fl(2) 17M 8°40.4'N 76°45.5'E

63010 14Ed. 1/18/86 LAST NM 28/88 (BA LL) 16/89
Delete Lights 10°20.0'N 79°22.0'E
10°22.5'N 76°06.0'E
8°53.0'N 76°36.5'E

Change Visibility (range) of lights to 11M 9°46.0'N 79°52.0'E
27M 6°24.5'N 81°44.0'E
10M 9°17.0'N 80°48.5'E
25M 6°10.5'N 81°28.5'E
28M 5°55.0'N 80°36.0'E
25M 6°01.5'N 80°14.0'E
27M 6°27.5'N 79°58.5'E
9M 9°17.5'N 79°13.2'E
28M 8°47.1'N 78°11.2'E
29M 8°05.0'N 77°33.0'E
23M 8°07.8'N 77°18.8'E
31M 8°23.0'N 76°59.0'E
26M 8°53.5'N 76°34.8'E

63010 14Ed. 1/18/86 LAST NM 16/89 (5(123, 139)89 Dehra Dun) 21/89
Change Visibility (range) of light to 7M 8°22.8'N 78°04.5'E

Add Purple dashed-line circle 10°12.5'N 75°27.5'E
"Unexploded ordnance"

★63015	11Ed. 2/4/84 Delete	NEW EDITION Omega note: "All users...propagation paths."	(DMAHTC) 13/84
			17°11'N 80°20'E
63015	11Ed. 2/4/84 LAST NM 13/84 Add	Danger circle with legend "Unexploded Ordnance (rep 1983)"	(9(226)84 Dehra Dun) 25/84
			17°48.0'N 84°05.0'E
63015	11Ed. 2/4/84 LAST NM 25/84 Add	Light Fl(3) 19M (PA)	(22(537)84 Dehra Dun) 4/85 16°14.8'N 81°14.0'E
63015	11Ed. 2/4/84 LAST NM 4/85 Add	Danger circle with legend "Unexploded ordnance (rep 1984)"	(1(48)85 Dehra Dun) 8/85
			16°26.0'N 82°21.5'E
63015	11Ed. 2/4/84 LAST NM 8/85 Add	Danger circles with legend "Unexploded Ordnance (rep 1985)"	(3(111)85 Dehra Dun) 13/85
			17°28.0'N 83°52.5'E 17°28.6'N 83°50.0'E
63015	11Ed. 2/4/84 LAST NM 13/85 Add	Stranded wreck (PA)	(3(110)85 Dehra Dun) 15/85 11°42.5'N 79°48.0'E
63015	11Ed. 2/4/84 LAST NM 15/85 Substitute	Dangerous wreck (Masts) (PA) for stranded wreck (PA) (Cancels 15/85-63015)	(5(148)85 Dehra Dun) 18/85
			11°42.5'N 79°48.0'E
63015	11Ed. 2/4/84 LAST NM 18/85 Change	Light to Fl(2) 26M	(7(192)85 Dehra Dun) 26/85 10°45.5'N 79°50.8'E
63015	11Ed. 2/4/84 LAST NM 26/85 Delete	R Bn at light	(26(1733)85 Taunton) 34/85 17°41.0'N 83°17.3'E
63015	11Ed. 2/4/84 LAST NM 34/85 Add	Danger circle "Unexploded Ordnance"	(11(296)85 Dehra Dun) 41/85 17°09.0'N 83°51.5'E
63015	11Ed. 2/4/84 LAST NM 41/85 Add	Dangerous wreck	(2(67)86 Dehra Dun) 10/86 16°10.9'N 81°19.7'E
63015	11Ed. 2/4/84 LAST NM 10/86 Add	Racon to light	(6(160)86 Dehra Dun) 20/86 10°18.0'N 79°51.9'E
63015	11Ed. 2/4/84 LAST NM 20/86 Change	Light to Fl 19M	(17(453)86 Dehra Dun) 47/86 13°25.8'N 80°19.2'E
63015	11Ed. 2/4/84 LAST NM 47/86 Delete	Legend "PA" from dangerous wreck (Masts)	(23(590)86 Dehra Dun) 12/87
			11°42.5'N 79°48.0'E
63015	11Ed. 2/4/84 LAST NM 12/87 Add	Purple dashed-line circle "Unexploded Ordnance"	(11(289)87 Dehra Dun) 37/87
			17°35.0'N 84°03.0'E
63015	11Ed. 2/4/84 LAST NM 37/87 Add	Purple dashed-line circles "Unexploded Ordnance (rep 1987)"	(19(498), 22(561)87 Dehra Dun) 5/88
			14°22.0'N 81°08.0'E 17°28.0'N 83°53.1'E
63015	11Ed. 2/4/84 LAST NM 5/88 Delete	Light	(BA LL) 16/89 10°20.0'N 79°24.0'E
	Change	Visibility (range) of lights to 24M	15°47.7'N 80°59.5'E
		26M	15°02.5'N 80°03.0'E
		26M	13°25.8'N 80°19.2'E
		26M	11°54.5'N 79°49.5'E
		10M	9°49.0'N 80°15.0'E
		11M	9°45.5'N 79°51.5'E
	Add	R Bn at light	17°41.0'N 83°17.3'E
63015	11Ed. 2/4/84 LAST NM 16/89 Add	Purple dashed-line circle "Unexploded ordnance (Rep 1989)"	(6(157)89 Dehra Dun) 24/89
			14°07.5'N 81°04.2'E
★63020	14Ed. 9/13/80	NEW EDITION	(DMAHTC) 48/80
63020	14Ed. 9/13/80 LAST NM 48/80 Change	Visibility (range) of light to 20M	(BA LL) 2/81 22°13.9'N 91°47.5'E

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63020	14Ed. 9/13/80 LAST NM 2/81 Delete	R Bn	(44(2570)78 Taunton) 9/81 21°48.7'N 89°27.5'E
63020	14Ed. 9/13/80 LAST NM 9/81 Add	Danger circles "Unexploded Ordnance (PA)"	(1(55)81 Dehra Dun) 11/81 19°47.5'N 86°46.0'E 18°16.5'N 84°38.5'E
63020	14Ed. 9/13/80 LAST NM 11/81 Change	Visibility (range) of light to 14M (Supersedes 2/81-63020)	(6(180)81 Dehra Dun) 21/81 22°13.9'N 91°47.5'E
63020	14Ed. 9/13/80 LAST NM 21/81 Add	Danger circle "Unexploded Ordnance" (PA)	(13(346T)82 Dehra Dun) 41/82 16°33'00"N 84°37'00"E
63020	14Ed. 9/13/80 LAST NM 41/82 Delete	Light	(12(313)82 Dehra Dun) 42/82 18°20.0'N 84°07.5'E
	Add	Light Gp Fl 16M	18°20.5'N 84°07.5'E
63020	14Ed. 9/13/80 LAST NM 42/82 Delete	Legend "(PA)" from R Bn (AERO)	(1(61)83 Taunton) 15/83 20°08'N 92°52'E
63020	14Ed. 9/13/80 LAST NM 15/83 Add	Danger circle with legend "Unexploded Ordnance (rep 1983)"	(9(226)84 Dehra Dun) 25/84 17°48.0'N 84°05.0'E
63020	14Ed. 9/13/80 LAST NM 25/84 Change	Lights to Fl(3) 20M R Bn Racon Fl 24M R Bn Racon Fl(2) 20M Racon	(BA LL) 34/84 21°52.9'N 91°51.0'E 21°26.3'N 91°58.0'E 20°37.5'N 92°19.0'E
63020	14Ed. 9/13/80 LAST NM 34/84 Change	Light to Fl R 14M	(46(3024)84 Taunton) 51/84 22°13.9'N 91°47.5'E
63020	14Ed. 9/13/80 LAST NM 51/84 Add	Buoy, yellow, black, yellow pillar, double cone topmark points together, VQ(9) 9s	(7(493)85 Taunton) 16/85 21°24.1'N 91°37.5'E
63020	14Ed. 9/13/80 LAST NM 16/85 Add	Dangerous wreck (PA)	(BA CH 3021) 17/85 22°16.1'N 91°42.0'E
63020	14Ed. 9/13/80 LAST NM 17/85 Add	Depth 7 fathoms	(Ind CH 325) 22/85 16°32.6'N 94°12.0'E
63020	14Ed. 9/13/80 LAST NM 22/85 Add	Buoy, yellow spherical, Fl(4) Y 30s	(16(1063)85 Taunton) 27/85 21°05.0'N 90°57.0'E
63020	14Ed. 9/13/80 LAST NM 27/85 Relocate	Buoy close NE to and change characteristic to Fl 10s	(19(1261)85 Taunton) 33/85 21°27.1'N 89°34.4'E
63020	14Ed. 9/13/80 LAST NM 33/85 Change	Light to Fl(2) 27M R Bn	(16(421)85 Dehra Dun) 47/85 20°20.0'N 86°44.2'E
63020	14Ed. 9/13/80 LAST NM 47/85 Add	Dangerous wreck (PA)	(23(569)85 Dehra Dun) 8/86 20°11.5'N 86°41.3'E
63020	14Ed. 9/13/80 LAST NM 8/86 Delete	R Bn (AERO) (PA)	(BA RA) 16/86 20°08'N 92°52'E
63020	14Ed. 9/13/80 LAST NM 16/86 Relocate	R Bn (AERO) close SE to	(4(286)86 Taunton) 17/86 22°15.4'N 91°48.9'E
63020	14Ed. 9/13/80 LAST NM 17/86 Change	Light to Fl(3) 14M	(17(454)86 Dehra Dun) 47/86 19°48.1'N 85°50.8'E
63020	14Ed. 9/13/80 LAST NM 47/86 Add	Wreck (PA)	(Ind CH 31) 16/87 19°25.2'N 86°15.5'E
63020	14Ed. 9/13/80 LAST NM 16/87 Add	Depth 10 fathoms	(BA CH 3771) 20/87 16°52.0'N 94°18.0'E
63020	14Ed. 9/13/80 LAST NM 20/87 Add	Dangerous wreck marked close N by buoy G, conical, Fl(2) 6s	(31(2349)87 Taunton) 43/87 22°14.4'N 91°40.4'E
63020	14Ed. 9/13/80 LAST NM 43/87 Delete	Buoy	(47(3562)87 Taunton) 3/88 21°05.0'N 90°57.0'E

63020	14Ed. 9/13/80 LAST NM 3/88 Add	Light Fl(3) 17M	(8(215)88 Dehra Dun) 28/88 20°15.4'N 86°39.4'E
63020	14Ed. 9/13/80 LAST NM 28/88 Change	Buoy to RW, pillar, ball topmark, L Fl 10s Racon	(37(2804)88 Taunton) 46/88 21°27.1'N 89°34.4'E
63020	14Ed. 9/13/80 LAST NM 46/88 Add	R Bn (AERO)	(41(3060)88 Taunton) 52/88 20°07.9'N 92°52.1'E
63020	14Ed. 9/13/80 LAST NM 52/88 Add	Stranded wreck	(48(3581)88 Taunton) 4/89 21°39.0'N 90°54.5'E
63020	14Ed. 9/13/80 LAST NM 4/89 Add	Dangerous wreck (Masts)	(3(255)89 Taunton) 14/89 21°59.0'N 91°22.0'E
★63025	16Ed. 3/8/86 Add	NEW EDITION Light Fl 10M (Previously published 15/86)	(DMAHTC) 23/86 8°00.3'N 93°24.0'E
	Add	R Bn (AERO) (Previously published 18/86)	10°03.4'N 98°32.8'E
63025	16Ed. 3/8/86 LAST NM 23/86 Change	Light to Fl 8M	(BA LL) 24/86 12°15.8'N 93°49.9'E
63025	16Ed. 3/8/86 LAST NM 24/86 Change	Light to Fl 20M	(8(222), 11(308, 309)86 Dehra Dun) 32/86 11°19.1'N 92°42.0'E
	Add	Depths 177 fathoms "Rep (1986)" 12 fathoms	12°12.0'N 94°57.0'E 7°04.6'N 93°32.9'E
63025	16Ed. 3/8/86 LAST NM 32/86 Add	Light Fl 20M	(12(331)86 Dehra Dun) 34/86 10°30.7'N 92°29.5'E
63025	16Ed. 3/8/86 LAST NM 34/86 Add	Danger circle "Unexploded ordnance"	(13(370)86 Dehra Dun) 36/86 11°11.5'N 92°39.2'E
63025	16Ed. 3/8/86 LAST NM 36/86 Delete	R Bn (AERO)	(DMAHTC) 44/86 9°09'N 92°49'E
★63025	16Ed. 3/8/86 LAST NM 44/86 Add	Depths 301 fathoms (PA) 328 fathoms (PA)	(MCNM7895/87) 8/87 6°35.0'N 96°05.0'E 6°35.0'N 96°18.0'E
63025	16Ed. 3/8/86 LAST NM 8/87 Add	Stranded wreck (conspic)	(Ind CH 31) 16/87 14°50.3'N 93°37.0'E
★63040	1Ed. 6/26/82	NEW CHART	(DMAHTC) 36/82
63040	1Ed. 6/26/82 LAST NM 36/82 Change	Characteristic of light to Fl 15s and delete legend "Rep exting (1982)"	(24, 36/82 Karachi) 6/83 25°05.8'N 62°21.0'E
	Add	Light Fl 25s 87m 15M Note: Marks Astola Island	25°07.3'N 63°50.5'E
63040	1Ed. 6/26/82 LAST NM 6/83 Change	Period of lights to 20s 22s (See 6/83-63040)	(17(53, 54)83 Karachi) 29/83 25°05.8'N 62°21.0'E 25°07.3'N 63°50.5'E
63040	1Ed. 6/26/82 LAST NM 29/83 Add	Stranded wreck	(4(33)84 Karachi) 13/84 25°17.6'N 63°31.8'E
63040	1Ed. 6/26/82 LAST NM 13/84 Change	Period of lights to 25s 27s (Supersedes 29/83-63040)	(19(78)84 Karachi) 33/84 25°05.8'N 62°21.0'E 25°07.3'N 63°50.5'E
63040	1Ed. 6/26/82 LAST NM 33/84 Change	Light to Fl(2) 15s 85m 19M	(37(167)87 Karachi) 47/87 25°05.8'N 62°21.0'E
63040	1Ed. 6/26/82 LAST NM 47/87 Change	Light to Fl(2) 20s 227m 19M and delete legend "Rep exting (1982)"	(44(193)87 Karachi) 1/88 25°10.9'N 64°41.2'E

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63040	1Ed. 6/26/82 LAST NM 1/88		
	Change	Visibility (range) of light to 19M and delete legend "Rep exting (1982)"	(49(210)87 Karachi) 7/88 25°12.3'N 63°29.7'E
		Light to Fl 15s 89m 19M	25°07.3'N 63°50.5'E
63040	1Ed. 6/26/82 LAST NM 7/88		
	Delete	Depth 22 meters	(51(3866)87 Taunton) 12/88 25°10.4'N 64°53.6'E
	Add	Depths 6.4 meters	25°09.7'N 64°22.6'E
		5 meters	25°10.1'N 64°52.8'E
★63050	1Ed. 2/19/83	NEW CHART	(DMAHTC; US CH 63053; Ind CH 291; 30(53)80 Brest) 20/83 24°20.7'N 67°00.7'E
	Delete	Legend "Masts"	
	Change	Color of buoys "Fairway" to black	24°33.0'N 67°02.8'E
		"Fairway U" to red and white stripes	24°44.7'N 66°57.3'E
	Add	Light Fl 26M	24°47.6'N 66°58.7'E
		Light flare symbol to platforms	24°42.7'N 67°04.4'E 24°27.7'N 67°17.7'E 24°20.3'N 67°16.7'E
63050	1Ed. 2/19/83 LAST NM 20/83		(US CH 63043) 23/83
	Change	Color of buoy "Fairway K" to red and white stripes (See 20/83-63050)	24°44.7'N 66°57.3'E
63050	1Ed. 2/19/83 LAST NM 23/83		(24(81)83 Karachi) 37/83
	Change	Color of buoy "Fairway" to red and white stripes	24°33.0'N 67°02.9'E
63050	1Ed. 2/19/83 LAST NM 37/83		(BA CH 61) 46/83
	Change	Visibility (range) of light to 25M	24°49.7'N 66°40.0'E
63050	1Ed. 2/19/83 LAST NM 46/83		(BA RA) 24/84
	Delete	R Bn (AERO)	24°56.0'N 66°56.0'E
63050	1Ed. 2/19/83 LAST NM 24/84		(US RA) 28/84
	Delete	R Bn (AERO)	24°54.0'N 67°10.1'E
63050	1Ed. 2/19/83 LAST NM 28/84		(11/85 Karachi) 21/85
	Delete	Buoy "Sindhi"	23°53.3'N 67°12.5'E
63050	1Ed. 2/19/83 LAST NM 21/85		(13(59)85 Karachi) 25/85
	Delete	Dangerous wreck	24°46'45"N 66°59'44"E
63050	1Ed. 2/19/83 LAST NM 25/85		(50(169)86 Karachi) 10/87
	Add	Submarine cable joining	24°32.3'N 65°45.6'E 24°34.2'N 65°52.0'E 24°34.9'N 65°55.0'E 24°35.9'N 65°58.0'E 24°45.0'N 66°30.0'E 24°45.0'N 66°40.0'E 24°47 6'N 66°50.8'E 24°48.9'N 66°51.5'E 24°51.7'N 66°51.0'E
63050	1Ed. 2/19/83 LAST NM 10/87		(17(1314)87 Taunton) 27/87
	Delete	Depths 8.5 meters	24°53.3'N 66°36.9'E
		13 meters	24°51.7'N 66°34.0'E
		17.5 meters	24°47.3'N 66°37.6'E
	Add	Depths 7.6 meters	24°53'10"N 66°37'40"E
		8.1 meters	24°51'30"N 66°34'15"E
		12.2 meters	24°47'14"N 66°38'53"E
63050	1Ed. 2/19/83 LAST NM 27/87		(Ind CH 2093; 23(123)87 Karachi) 33/87
	Add	Depth 36 meters	25°03.18'N 66°26'27"E
		Purple dashed-line circle "Unexploded ordnance" (PA)	24°41'48"N 66°41'50"E

★63053	2Ed. 6/21/86	NEW EDITION	(DMAHTC; Ind CH 2091) 33/86
	Delete	Buoys "Wave Rider"	24°32.9′N 67°02.6′E
			24°35.8′N 67°04.6′E
			24°37.0′N 67°05.8′E
		Dashed lines (channel limit) between	24°37.9′N 67°06.2′E
			24°39.8′N 67°08.0′E
		between	24°38.1′N 67°06.7′E
			24°40.2′N 67°08.6′E
		Legends "Dredged to 12.4m"	24°38.6′N 67°06.9′E
		"Waiting Area"	24°39.0′N 67°07.7′E
	Relocate	Buoys "12" close SW to	24°38′34″N 67°06′54″E
		"13" close S	24°38′20″N 67°07′14″E
	Change	Light to Oc 6s 31m 16M, Fl(2) Y 6s 11m 4M Racon with sectors Oc 029°54′-034°54′ Fl(2) Y 154°48′-029°30′	24°40′23″N 67°07′59″E
	Add	Dashed lines (channel limit) joining	24°37′50″N 67°06′08″E
			24°38′28″N 67°06′58″E
			24°40′09″N 67°08′12″E
		between	24°38′25″N 67°07′12″E
			24°40′18″N 67°08′36″E
		Legends "Dredged to 12.4m" between	24°39′00″N 67°07′28″E
			24°39′44″N 67°08′04″E
		"Waiting Area" between	27°38′50″N 67°07′38″E
			27°39′26″N 67°08′08″E
63053	2Ed. 6/21/86 LAST NM 33/86		(50(169)86 Karachi) 10/87
	Add	Submarine cable joining	24°43′40″N 66°25′30″E
			24°44′58″N 66°29′57″E
			24°44′58″N 66°39′57″E
			24°47′37″N 66°50′13″E
			24°48′52″N 66°51′26″E
			24°51′39″N 66°50′54″E
63053	2Ed. 6/21/86 LAST NM 10/87		(17(1314)87 Taunton) 27/87
	Delete	Depths 10 meters	24°53.2′N 66°37.6′E
		20 meters	24°47.4′N 66°38.6′E
	Add	Depths 8.1 meters	24°51′24″N 66°33′50″E
		7.6 meters	24°53′14″N 66°37′38″E
		12.2 meters	24°47′24″N 66°38′42″E
		12.2 meters	24°47′00″N 66°38′20″E
63053	2Ed. 6/21/86 LAST NM 27/87		(22(117), 23(123)87 Karachi) 33/87
	Add	Depths 10.3 meters	24°48′36″N 66°38′30″E
		10.7 meters	24°48′10″N 66°37′54″E
		Purple dashed-line circle "Unexploded ordnance "(PA)	24°41′48″N 66°41′50″E
63053	2Ed. 6/21/86 LAST NM 33/87		(34(2590)87 Taunton) 45/87
	Delete	Legend "Bn (12)"	24°40.2′N 67°07.6′E
	Relocate	Buoys "11" close S to	24°37′36″N 67°06′18″E
		"12" close SE	24°38′24″N 67°07′00″E
		"14" close SW	24°39′37″N 67°07′45″E
★63054	1Ed. 11/6/82	NEW CHART	(DMAHTC) 2/83
63054	1Ed. 11/6/82 LAST NM 2/83		(13(59)85 Karachi) 25/85
	Delete	Dangerous wreck (PA) and buoy close W	24°46′45″N 66°59′44″E
63054	1Ed. 11/6/82 LAST NM 25/85		(15(70)85 Karachi) 29/85
	Add	"Anchoring and Fishing Prohibited" area bound by shore and purple composite lines between	24°48′07.3″N 66°57′35.6″E
			24°46′28.2″N 66°57′54.5″E

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63054 (Continued)
Add between 24°46'42.0"N 66°56'26.1"E
and 24°48'16.5"N 66°57'25.7"E
and lesser arc of a circle, radius
2 miles, centered
24°48'27.0"N 66°57'31.8"E
arc between
24°46'28.2"N 66°57'34.5"E
and 24°46'42.0"N 66°56'26.1"E

63054 1Ed. 11/6/82 LAST NM 29/85 (24(593)85 Dehra Dun) 8/86
Add Stranded wreck (PA) marked close S
by buoy, red can, Fl(2) 5s 24°49'06.2"N 67°58'10.0"E

63054 1Ed. 11/6/82 LAST NM 8/86 (146/86 Karachi) 47/86
Delete Stranded wreck (PA) and
buoy close S 24°49'06.2"N 67°58'10.0"E
(Supersedes 8/86-63054)

/ Add Stranded wreck 24°49'08.0"N 67°58'08.0"E
Buoy Fl(2) R 5s 24°49'09.5"N 67°58'10.0"E

63054 1Ed. 11/6/82 LAST NM 47/86 (147/86 Karachi) 5/87
Delete Stranded wreck (PA) and buoy
close S 24°49'06.2"N 66°58'10.0"E
(Cancels 47/86-63054)

Add Stranded wreck 24°49'08.0"N 66°58'08.0"E
Buoy Fl(2) R 5s 24°49'09.5"N 66°58'10.0"E

63054 1Ed. 11/6/82 LAST NM 5/87 (6(142)89 Dehra Dun) 24/89
Delete Buoys "S3" 24°46'34"N 66°59'02"E
"P8" 24°48'12"N 66°58'31"E

★63055 1Ed. 11/16/85 NEW CHART (DMAHTC, 142/85 Karachi 7/86
Change Buoys, each to red can
"K2" Fl(2) R 8s 24°47'01"N 67°13'59"E
"K10" Fl(2) R 6s 24°47'25"N 67°15'34"E
"K16" Fl(2) R 8s 24°47'19"N 67°16'41"E
Buoys, each to black and white conical
"K5" Fl(3) G 15s 24°46'55"N 67°14'51"E
"P13" Fl(3) G 15s 24°46'26"N 67°13'29"E

63055 1Ed. 11/16/85 LAST NM 7/86 (Ind CH 2091) 33/86
Change Light to
Oc 6s 31m 16M, Fl(2) Y 6s 11m 4M
Racon with sectors Oc 029°54'-034°54',
Fl(2) Y 154°48'-029°30' 24°40'23"N 67°07'39"E

63055 1Ed. 11/16/85 LAST NM 33/86 (40/86 Karachi) 47/86
Delete Position circle "TR (24)" Ra Ref 24°40'21"N 67°07'49"E

63055 1Ed. 11/16/85 LAST NM 47/86 (34(259)87 Taunton) 45/87
Delete Beacon "(12)" 24°40.3'N 67°07.8'E

Relocate Buoy "14" close SW to 24°39'38"N 67°07'49"E

63055 1Ed. 11/16/85 LAST NM 45/87 (16(81)88 Karachi) 34/88
Relocate Buoy "T3" close SW to 24°46'19.8"N 67°18'21.1"E

★63060 6Ed. 4/7/84 NEW EDITION (DMAHTC) 22/84

63060 6Ed. 4/7/84 LAST NM 22/84 (BA RA) 24/84
Delete R Bn (AERO) (PA) 24°56.0'N 66°58.0'E

63060 6Ed. 4/7/84 LAST NM 24/84 (US RA) 28/84
Delete R Bn (AERO) and RDF 24°52.7'N 67°09.9'E

63060 6Ed. 4/7/84 LAST NM 28/84 (BA CH 39) 42/84
Add Depth 12 fathoms 22°33.4'N 68°46.7'E

63060 6Ed. 4/7/84 LAST NM 42/84 (13(59)85 Karachi) 25/85
Delete Dangerous wreck 24°46'50"N 66°59'44"E

63060 6Ed. 4/7/84 LAST NM 25/85 (42(2806)85 Taunton) 52/85
Add Depth 5 fathoms 1 foot "Rep (1985)" 23°00.4'N 68°23.3'E
63060 6Ed. 4/7/84 LAST NM 52/85 (15(407)86 Dehra Dun) 43/86
Add Stranded wreck 23°30.2'N 68°20.4'E

63060	6Ed. 4/7/84 LAST NM 43/86		(MCNM7892/87) 6/87
	Add	Legends "CAUTION NO 3"	24°34.0'N 66°33.0'E
		"SUBMARINE EXERCISE AREA CAUTION NO 3"	22°20.0'N 68°10.0'E
		Purple dashed line joining	22°10.0'N 68°03.2'E
			22°19.0'N 67°56.0'E
			22°30.0'N 68°12.0'E
			22°16.0'N 68°24.0'E
			22°10.0'N 68°16.0'E
		Caution No 3 to cautions note "3. Submarines exercise frequently in the area indicated. A good look-out is to be kept for them when passing through these waters."	24°22.5'N 68°24.5'E
63060	6Ed. 4/7/84 LAST NM 6/87		(508169/86 Karachi) 10/87
	Add	Submarine cable joining	24°44.2'N 66°27.0'E
			24°45.0'N 66°30.0'E
			24°45.0'N 66°40.0'E
			24°47.6'N 66°50.8'E
			24°48.9'N 66°51.5'E
			24°51.7'N 66°51.0'E
63060	6Ed. 4/7/84 LAST NM 10/87		(17(1314)87 Taunton) 27/87
	Add	Depths 4 fathoms 1 foot	24°51'20"N 66°34'00"E
		4 fathoms	24°53'30"N 66°37'45"E
		6 fathoms 3 feet	24°47'00"N 66°38'40"E
63060	6Ed. 4/7/84 LAST NM 27/87		(28(123)87 Karachi) 33/87
	Add	Purple dashed-line circle "Unexploded ordnance" (PA)	24°41'48"N 66°41'50"E
63060	6Ed. 4/7/84 LAST NM 33/87		(10(257), 11(276)87 Dehra Dun) 37/87
	Delete	Bns	23°27.5'N 68°23.8'E
			23°25.0'N 68°24.0'E
	Add	Dangerous wreck (PA)	23°27.59"N 68°04'07"E
63062	6Ed. 12/8/84	NEW EDITION	(DMAHTC, BA CH 43, 21(506)84, 1(31)85 Dehra Dun) 18/85
	Delete	Buoys "4"	22°52.0'N 70°11.2'E
		"5"	22°52.9'N 70°13.6'E
		(undesignated)	22°53.6'N 70°16.0'E
		Lights	22°58.2'N 70°15.2'E
			22°58.7'N 70°15.2'E
		Purple dotted lines between	22°24.7'N 69°51.8'E
			22°25.3'N 69°50.2'E
		between	22°37.6'N 69°06.6'E
			22°38.8'N 69°06.6'E
		between	22°35.5'N 69°14.7'E
			22°36.2'N 69°14.9'E
		Legend "Channel Buoyed"	22°55.2'N 70°15.1'E
	Relocate	Buoy "Dhani" close E to	22°36'51"N 69°27'40"E
	Change	Characteristic of buoy "Ranwara" to QR	22°39.2'N 69°19.8'E
		Line 8 of cautions note to "3. Limitations on use of the Deep Water Route: Ships of draft less than 15 meters while navigating"	23°11.8'N 69°11.2'E
	Add	Light flare to light dot	22°45'45"N 69°42'18"E
63062	6Ed. 12/8/84 LAST NM 18/85		(5(145, 146), 6(168)85 Dehra Dun; BA CH 43) 21/85
	Delete	Purple dotted line between	22°24.7'N 68°51.8'E
			22°25.3'N 68°50.2'E
		(See 18/85-63062)	
		Buoy "9B"	22°54.2'N 70°15.6'E

(continued on next page)

63062	(Continued)		
	Delete	Purple dashed line joining	21/85 22°32.6'N 69°39.9'E 22°32.6'N 69°44.2'E 22°30.0'N 69°44.2'E 22°28.6'N 69°41.8'E
	Relocate	Bn "B" close NNE to	22°38.7'N 70°14.6'E
	Change	Legend to "Anchorage and Fishing Prohibited"	22°31.9'N 69°42.3'E
	Add	Purple dashed lines between	22°28.6'N 69°41.8'E 22°28.6'N 69°42.3'E
		joining	22°32.6'N 69°39.9'E 22°33.5'N 69°39.9'E 22°33.5'N 69°44.7'E 22°29.8'N 69°44.7'E
63062	6Ed. 12/8/84 LAST NM 21/85 Delete	Buoy "Spoil Ground"	(9(237)85 Dehra Dun) 27/85 22°54.0'N 70°12.2'E
63062	6Ed. 12/8/84 LAST NM 27/85 Add	Racon to buoy "SBM" Dangerous wreck	(11(284), 15(302), 16(414)85 Dehra Dun) 41/85 22°30.6'N 69°42.1'E 22°36.4'N 70°03.5'E
		Buoy "Spoil Ground", Y, conical, Fl 4s	22°53.9'N 70°12.1'E
63062	6Ed. 12/8/84 LAST NM 41/85 Add	Legend "(PA)" to dangerous wreck	(17(435)85 Dehra Dun) 51/85 22°37'05"N 70°03'01"E
63062	6Ed. 12/8/84 LAST NM 51/85 Relocate	Buoy "Spoil Ground" close W to (See 41/85-63062)	(6(158)86 Dehra Dun) 20/86 22°53.9'N 70°11.7'E
63062	6Ed. 12/8/84 LAST NM 20/86 Add	Range lights, front Q 5m 11M rear Iso 3s 10m 12M	(7(181)86 Dehra Dun) 25/86 22°57'43"N 70°15'55"E 22°58'02"N 70°16'20"E
63062	6Ed. 12/8/84 LAST NM 25/86 Change	Lights to Q 9m 8M Iso 3s 14m 8M (See 25/86-63062)	(10(273)86 Dehra Dun) 32/86 22°57.7'N 70°15.9'E 22°58.0'N 70°16.3'E
63062	6Ed. 12/8/84 LAST NM 32/86 Add	Stranded wreck (PA) marked close SW by buoy, black and white bands, conical	(15(410)86 Dehra Dun) 43/86 22°30'35"N 69°50'05"E
63062	6Ed. 12/8/84 LAST NM 43/86 Delete	Ra Ref from light	(18(479)86 Dehra Dun) 12/87 22°44.2'N 69°42.8'E
63062	6Ed. 12/8/84 LAST NM 12/87 Change	Visibility (range) of light to 13M	(1(28)87 Dehra Dun) 17/87 22°55.5'N 70°07.3'E
63062	6Ed. 12/8/84 LAST NM 17/87 Change	Period of light to 6s	(BA LL) 24/87 22°32.8'N 69°24.6'E
63062	6Ed. 12/8/84 LAST NM 24/87 Add	Lights Fl 15s 14m 6M Fl(2) 10s 18m 9M	(7(170)87 Dehra Dun; Inc. CH 2027) 29/87 22°33'00"N 70°02'48"E 22°32'55"N 70°01'55"E
63062	6Ed. 12/8/84 LAST NM 29/87 Add	Anchorage symbol (large vessels) Buoys "Fairway" R, can (undesignated) G, conical	(36(2737)87 Taunton) 46/87 22°31'07"N 69°45'40"E 22°30'13"N 69°45'58"E 22°29'46"N 49°46'03"E
63062	6Ed. 12/8/84 LAST NM 46/87 Delete	Fog signal from lights HORN SIREN	(18(445)87 Dehra Dun) 51/87 22°14.2'N 68°57.5'E 22°49.6'N 69°20.8'E
63062	6Ed. 12/8/84 LAST NM 51/87 Change	Visibility (range) of light to 26M	(BA LL) 37/88 22°19.8'N 68°57.1'E
★63063	8Ed. 10/13/84	NEW EDITION	(DMAHTC) 6/85
★63065	5Ed. 10/8/88	NEW EDITION	(DMAHTC) 52/88

63065	5Ed. 10/8/88 LAST NM 52/88		(14(387)88 Dehra Dun) 53/88
	Relocate	Buoy "6" close NNE to	22°55'39"N 70°13'02"E
63065	5Ed. 10/8/88 LAST NM 53/88		(17(452)86, 1(27), 16(393)87 Dehra Dun) 3/89
	Delete	Depth 10.8 meters	23°01'38"N 70°13'24"E
		Designation of buoys "1"	23°01'01"N 70°13'26"E
		"2"	23°00'56"N 70°13'30"E
	Add	Solid lines (T-head pier) between	23°01'42"N 70°13'14"E
			23°01'40"N 70°13'24"E
		between	23°01'44"N 70°13'24"E
			23°01'36"N 70°13'24"E
		Buoy (mooring) "2"	23°00'42"N 70°13'35"E
★63070	3Ed. 10/3/81	NEW EDITION	(DMAHTC 24(1286)80 Taunton) 50/81
	Delete	Light dot and legend "FR 34ft 3M"	21°06.0'N 70°06.9'E
63070	3Ed. 10/3/81 LAST NM 50/81		(24(696)81 Dehra Dun) 7/82
	Delete	Buoy	22°32.6'N 69°00.8'E
63070	3Ed. 10/3/81 LAST NM 7/82		(9(239)82 Dehra Dun) 42/82
	Relocate	Light and Racon close NE to	22°19.8'N 68°57.0'E
63070	3Ed. 10/3/81 LAST NM 42/82		(6(157)83 Dehra Dun) 23/83
	Add	Light Fl(3) 10s 56ft 7M	21°36.7'N 69°35.6'E
63070	3Ed. 10/3/81 LAST NM 23/83		(BA CH 1470) 24/83
	Change	Height of light to 156 ft	
		and visibility (range) to 30M	22°14.4'N 68°57.7'E
	Add	Starboard buoy: "Mithapur", G, conical, Fl G 5s	22°24.6'N 68°52.0'E
		Depth 17 fathoms	22°09.4'N 68°49.0'E
63070	3Ed. 10/3/81 LAST NM 24/83		(Ind CH 252) 28/83
	Add	Depths 36 fathoms	22°05.0'N 68°32.7'E
		23 fathoms	21°55.3'N 69°02.4'E
63070	3Ed. 10/3/81 LAST NM 28/83		(9(228)83 Dehra Dun) 34/83
	Change	Light to Fl(4) 15s 112ft 26M	22°19.8'N 68°57.0'E
		(See 42/82-63070)	
63070	3Ed. 10/3/81 LAST NM 34/83		(BA LL) 35/83
	Change	Visibility (range) of light to 32M	20°41.4'N 70°49.8'E
63070	3Ed. 10/3/81 LAST NM 35/83		(BA CH 39) 42/84
	Add	Depth 12 fathoms	22°33.7'N 68°46.6'E
63070	3Ed. 10/3/81 LAST NM 42/84		(24(594)85 Dehra Dun) 8/86
	Substitute	Position circle (accurate) "Tr (31)"	
		for light	21°38.25'N 69°36.00'E
	Add	Light Fl 6s 48m 18M	21°37.25'N 69°37.20'E
63070	3Ed. 10/3/81 LAST NM 8/86		(8(214, 215)86 Dehra Dun) 32/86
	Delete	Light	21°06.5'N 70°05.9'E
	Relocate	Light (21°36.7'N 69°35.6'E) to	21°36.9'N 69°35.3'E
	Add	Light Fl(2) 20s 121ft 17M	21°06.2'N 70°06.5'E
63070	3Ed. 10/3/81 LAST NM 32/86		(12(326)86 Dehra Dun) 34/86
	Change	Light to Fl(3) R 10s 56ft 7M	21°36.9'N 69°35.3'E
		(See 32/86-63070)	
63070	3Ed. 10/3/81 LAST NM 34/86		(14(376)86 Dehra Dun) 40/86
	Add	Light Fl(3) 15s 184ft 20M	21°56.4'N 69°13.8'E
63070	3Ed. 10/3/81 LAST NM 40/86		(MCNM7892/87) 6/87
	Add	Purple dashed lines joining	22°30.0'N 68°12.0'E
			22°16.0'N 68°24.0'E
			22°04.0'N 68°08.0'E
			22°19.0'N 67°56.0'E
			22°30.0'N 68°12.0'E

(Continued on next page)

63070 (Continued)
Add — joining — 6/87
22°05.0'N 67°30.0'E
22°07.0'N 67°32.0'E
21°53.0'N 67°45.0'E
21°42.3'N 67°30.0'E

Legends "SUBMARINE EXERCISE AREA SEE CAUTION"

22°17.0'N 68°10.0'E
21°55.0'N 67°33.0'E

Caution note
"CAUTION
Submarines exercise frequently in the areas indicated. A good lookout is to be kept for them when passing through these waters."

21°57.5'N 70°45.0'E

63070 3Ed. 10/3/81 LAST NM 6/87
Delete — Fog signal from lights HORN and legend "Storm sig" HORN — (18(445)87 Dehra Dun) 51/87

22°14.2'N 68°57.7'E
20°41.3'N 70°49.7'E

63070 3Ed. 10/3/81 LAST NM 51/87
Change — Light to Fl 5s 48m 18M Racon — (24(616)88 Dehra Dun) 11/89
21°37.3'N 69°37.2'E

63070 3Ed. 10/3/81 LAST NM 11/89
Add — Purple dashed-line circles "Unexploded ordnance (Rep 1988)" — (1(44), 2(61), 3(90), 4(110)89 Dehra Dun) 19/89

20°46.3'N 69°00.3'E
21°11.0'N 68°35.0'E
20°45.2'N 68°00.0'E
20°58.2'N 68°02.1'E

63070 3Ed. 10/3/81 LAST NM 19/89
Add — Purple dashed-line circle "Unexploded ordnance (rep 1988)" — (5(136)89 Dehra Dun) 21/89

20°45.0'N 68°55.0'E

63070 3Ed. 10/3/81 LAST NM 21/89
Add — Purple dashed-line circle "Unexploded ordnance (Rep 1988)" — (6(155)89 Dehra Dun) 24/89

20°28.2'N 69°10.7'E

★63080 4Ed. 4/24/82 — NEW EDITION — (DMAHTC; 28(1563)81 Taunton; US LL) 29/82

Change — Light to Fl 10s 29m 24M S Sig Sta & FR 9m 10M NAUTO — 20°51.4'N 71°22.8'E

Add — Legend "F 2M (Sept to Jun)" to light symbol — 20°45.8'N 71°09.1'E

63080 4Ed. 4/24/82 LAST NM 29/82
Add — Light Fl 7s 39m 17M — (10(257)82 Dehra Dun) 34/82
20°56.3'N 72°45.5'E

63080 4Ed. 4/24/82 LAST NM 34/82
Delete — Depths 16.2 meters — (14(353)82 Dehra Dun) 44/82
24 meters — 21°05.2'N 72°03.1'E
13.1 meters — 21°08.7'N 72°09.4'E
14 meters — 20°57.0'N 71°45.8'E
18 meters — 20°54.0'N 71°39.8'E
20°49.9'N 71°34.2'E

Add — Depths 13.8 meters — 20°49.9'N 71°33.7'E
11.8 meters — 20°54.0'N 71°39.8'E
11.5 meters — 20°56.3'N 71°45.5'E
10.8 meters — 21°02.2'N 71°58.6'E
14.3 meters — 21°05.2'N 72°03.1'E
21 meters — 21°08.3'N 72°09.3'E

63080 4Ed. 4/24/82 LAST NM 44/82
Add — Depths 64 meters — (Ind CH 252) 28/83
66 meters — 20°41.4'N 70°00.1'E
66 meters — 20°37.9'N 70°02.9'E
68 meters — 20°33.9'N 70°07.2'E
62 meters — 20°31.7'N 70°03.6'E
73 meters — 20°30.6'N 69°56.8'E
84 meters — 20°23.0'N 70°04.5'E
20°20.7'N 70°05.0'E

63080 4Ed. 4/24/82 LAST NM 28/83
Add — Light Fl(2) 20s 17M — (8(205)83 Dehra Dun) 29/83
20°48'15"N 72°50'00"E

63080	4Ed. 4/24/82 LAST NM 29/83		(Ind CH 253) 34/83
	Change	Light to Fl(4) 30s 46m 21M FR 32m 10M SIREN (2)	20°54.2'N 71°31.6'E
63090	4Ed. 4/24/82 LAST NM 34/83		(BA LL) 35/83
	Change	Visibility (range) of light to 32M	20°41.5'N 70°49.6'E
63100	4Ed. 4/24/82 LAST NM 35/83		(Ind CH 2736) 51/83
	Change	Visibility (range) of light to 19M	20°11.7'N 72°45.0'E
63110	4Ed. 4/24/82 LAST NM 51/83		(BA CH 1486) 44/84
	Add	Drying area (green tint) 0.1 mile radius with legend "Dries"	21°10.0'N 20°24.5'E
		Depths 8 meters	21°01.6'N 72°27.2'E
		2.3 meters	20°59.0'N 72°28.5'E
		2.2 meters	21°00.8'N 72°20.0'E
		7 meters	21°06.1'N 72°20.7'E
		7 meters	21°03.7'N 72°23.5'E
		9.2 meters	21°09.7'N 72°21.8'E
		8.6 meters	21°10.8'N 72°21.2'E
		Stranded wreck	20°54.0'N 71°32.1'E
63080	4Ed. 4/24/82 LAST NM 44/84		(BA CH 1486) 11/85
	Add	Drying tint area, radius 0.1 mile, with legend "Dries" (See 44/84-63080)	21°10.0'N 72°24.5'E
63080	4Ed. 4/24/82 LAST NM 11/85		(7(188)85 Dehra Dun) 23/85
	Delete	Limits and legends of area dangerous for navigation (Caution No 4) and restricted area (Caution No 3 Oil Field) centered	19°41.5'N 71°22.0'E
	Change	Lines 6-14 of cautions note to "3. Numerous production platforms, underwater construction work on wellheads and pipelines, single buoy moorings and oil derricks only some of which carry lights and fog signals, other unlit objects and submerged obstructions, oil barges, drilling rigs, diving tenders and support vessels exist within the designated Oil Development Areas enclosed by dashed lines. As all these features cannot be charted, special caution should be exercised by vessels navigating in the vicinity. Vessels are advised not to enter these areas and those entering will do so at their own risk for which the Government of India will not be liable in any way. Mariners may also be liable for damage they may cause in navigating within this Oil Development Area at their own risk. 4. The recommended route is shown to assist mariners in navigating safely between Oil Development Areas. Mariners are advised to keep 1 to 2 miles starboard of the route shown while entering, leaving, or approaching Bombay consistent with the 72 COLREGS."	
	Add	Purple dashed line joining	21°05.1'N 70°44.3'E 19°40.0'N 71°10.0'E 19°47.0'N 71°10.0'E 19°47.0'N 71°37.0'E 19°40.0'N 71°37.0'E
		Purple dashed line (recommended route) between	19°40.0'N 72°17.7'E 19°55.0'N 72°13.4'E

(Continued on next page)

63080 (Continued)
Add — Purple dashed-line open arrows oriented 345°, 165° — 23/85
19°43.8'N 72°17.2'E
19°52.4'N 72°13.7'E

Legends
"BOMBAY HIGH OILFIELD DEVELOPMENT AREA (CAUTION NO 3)"
"CAUTION NO 4"
19°43.5'N 71°23.5'E
19°47.7'N 72°13.0'E

63080 4Ed. 4/24/82 LAST NM 23/85
Add — Light FR 17m 5M — (9(238)85 Dehra Dun) 27/85
20°51.6'N 71°23.3'E

63080 4Ed. 4/24/82 LAST NM 27/85
Change — Light to Fl(3) 30s 27m 15M, FR 9M — (11(285)85 Dehra Dun) 41/85
19°50.8'N 72°39.6'E

63080 4Ed. 4/24/82 LAST NM 41/85
Add — Submarine pipeline joining — (16(416)85 Dehra Dun) 50/85
21°02.3'N 72°43.3'E
20°56.8'N 72°42.7'E
20°29.2'N 72°42.2'E
20°28.7'N 72°42.1'E
20°28.1'N 72°41.8'E
20°08.9'N 72°29.0'E
19°40.0'N 72°18.5'E

Legends
"Oil and Gas Pipeline-Caution No 5"
20°14.5'N 72°32.0'E
20°26.5'N 72°40.0'E

Caution No 5 to cautions note
"5. Oil and gas pipelines contain flammable material under high pressure. Any ship damaging a line could face an immediate fire hazard. Mariners are strongly advised not to anchor or trawl in the vicinity of pipelines."
20°57.0'N 70°44.3'E

63080 4Ed. 4/24/82 LAST NM 50/85
Change — Light to L Fl 10s 10M — (BA LL) 24/86
21°19.2'N 72°36.6'E

63080 4Ed. 4/24/82 LAST NM 24/86
Delete — Depth 18.3 meters — (7(182)86 Dehra Dun) 25/86
20°42.0'N 71°56.3'E

Add — Depths 6.6 meters, 6.5 meters, 5.2 meters, 6.2 meters
20°42.1'N 71°54.6'E
20°41.7'N 71°56.4'E
20°42.1'N 71°57.0'E
20°42.6'N 71°57.4'E

63080 4Ed. 4/24/82 LAST NM 25/86
Delete — Light — (8(211)86 Dehra Dun) 32/86
21°06.7'N 70°05.8'E

Add — Light Fl(2) 20s 37m 17M
21°06.5'N 70°06.3'E

63080 4Ed. 4/24/82 LAST NM 32/86
Change — Light to Fl(4) 30s 46m 18M, FR 32m 14M SIREN — (20(525)86 Dehra Dun) 52/86
20°54.2'N 71°31.6'E

63080 4Ed. 4/24/82 LAST NM 52/86
Delete — Light — (9(225)87 Dehra Dun) 30/87
20°52.0'N 71°23.7'E

63080 4Ed. 4/24/82 LAST NM 30/87
Delete — Fog signal from lights NAUTO, NAUTO, HORN — (18(445)87 Dehra Dun) 51/87
21°02.3'N 71°48.3'E
20°51.4'N 71°22.9'E
20°41.4'N 70°49.7'E

63080 4Ed. 4/24/82 LAST NM 51/87
Add — Dangerous wreck (PA) — (1(40)88 Dehra Dun) 17/88
20°24.6'N 72°06.4'E

63080 4Ed. 4/24/82 LAST NM 17/88
Add — Legend "Less water (least depth 14.6 meters)" — (33(2533)88 Taunton) 43/88
20°39.0'N 71°25.0'E

(continued on next page)

			43/88
63080	(Contipued) Add	Depths 15.4 meters	20°41.0'N 71°33.1'E
		13.6 meters	20°44.6'N 71°35.0'E
		12.8 meters	20°50.7'N 71°33.8'E
		14 meters	20°45.9'N 71°31.0'E
		11.6 meters	20°53.4'N 71°36.3'E
*63090	7Ed. 5/17/86 Add	NEW EDITION Depth 18.3 meters (Previously published 24/86)	(DMAHTC) 29/86 18°18.7'N 72°46.7'E
63090	7Ed. 5/17/86 LAST Delete	NM 29/86 Submarine exercise area and legend "CAUTION No 2" centered	(10(264)86 Dehra Dun) 32/86 17°51'N 71°40'E
	Add	Purple dashed line joining	17°45.0'N 71°26.0'E 17°50.0'N 71°30.0'E 17°45.0'N 71°34.4'E
		Legend "SUBMARINE EXERCISE AREA CAUTION No 2"	17°47.5'N 71°30.0'E
63090	7Ed. 5/17/86 LAST Delete	NM 32/86 Dangerous wreck	(16(432)86 Dehra Dun) 45/86 18°53.4'N 72°52.2'E
63090	7Ed. 5/17/86 LAST Delete	NM 45/86 Platforms	(41(4184)86 Hamburg) 1/87 18°50.7'N 70°48.6'E 18°49.2'N 70°47.5'E 18°49.3'N 70°48.8'E
63090	7Ed. 5/17/86 LAST Add	NM 1/87 Position circle "Pipe (15) MotU1"	(21(557)86 Dehra Dun) 6/87 19°38.7'N 71°59.5'E
63090	7Ed. 5/17/86 LAST Relocate	NM 6/87 Buoy close W to	(3(71)87 Dehra Dun) 18/87 18°50.3'N 72°48.5'E
63090	7Ed. 5/17/86 LAST Relocate	NM 18/87 Buoy (18°50.3'N 72°48.5'E) to	(6(145)87 Dehra Dun) 32/87 18°50'17"N 72°48'46"E
63090	7Ed. 5/17/86 LAST Add	NM 32/87 Depth 6.1 meters	(29(2186)87 Taunton) 43/87 18°50.8'N 72°45.7'E
63090	7Ed. 5/17/86 LAST Add	NM 43/87 Submarine cable joining	(16(392)87, Dehra Dun; 36(747)87 Hamburg) 48/87 18°56.3'N 72°49.5'E 18°56.0'N 72°47.6'E 18°56.0'N 72°47.2'E 19°00.0'N 72°43.0'E 19°00.0'N 71°00.0'E 19°11.0'N 70°30.0'E
		Designation "A" to anchorage area	19°05.0'N 72°30.2'E
		"ANCHORAGE AREA B" bound by dashed line joining	18°53.0'N 72°31.7'E 18°45.8'N 72°23.2'E 18°35.2'N 72°33.5'E 18°42.2'N 72°41.7'E
63090	7Ed. 5/17/86 LAST Delete	NM 48/87 Spoil grounds centered	(18(446, 447)87 Dehra Dun) 51/87 18°53.2'N 72°44.5'E 18°46.5'N 72°48.3'E
	Add	"Spoil Area" bound by dashed lines joining	18°53.6'N 72°43.8'E 18°53.6'N 72°45.2'E 18°52.5'N 72°45.2'E 18°52.5'N 72°43.8'E
		joining	18°47.2'N 72°48.5'E 18°46.5'N 72°49.2'E 18°45.4'N 72°48.5'E 18°46.0'N 72°47.7'E
		Wreck Buoy, black conical, Ra Ref	19°13.2'N 70°31.0'E 18°53.8'N 72°45.2'E

63090	7Ed. 5/17/86 LAST NM 51/87		
	Delete	Legend "2 Wks"	(17(416)87, 6(148)88 Dehra Dun) 25/88
		Buoy	18°50.5'N 72°45.5'E
		Stranded wreck	18°51.0'N 72°45.0'E
		Depth 6.1 meters	18°50.8'N 72°45.4'E
		(Supersedes 43/87-63090)	18°50.8'N 72°45.7'E
63090	7Ed. 5/17/86 LAST NM 25/88		
	Delete	Dangerous wreck (PA)	(7(183)88 Dehra Dun) 32/88
		Danger circle "Obstr Rep (1926 PA)"	17°48.9'N 73°04.0'E
			17°51.8'N 73°02.3'E
63090	7Ed. 5/17/86 LAST NM 32/88		
	Change	Buoy to R, can, can topmark, Fl R 5s	(12(330)88 Dehra Dun) 34/88
			18°51.4'N 72°47.1'E
63090	7Ed. 5/17/86 LAST NM 34/88		
	Delete	Buoy	(6(144)89 Dehra Dun) 24/89
			18°50.3'N 72°48.8'E
	Add	Buoy G, conical, cone topmark, Fl G 5s	
			18°50.3'N 72°48.4'E
★63091	4Ed. 3/12/83	NEW EDITION	(DMAHTC; Ind CH 254; BA CH 1486; US LL) 20/83
	Add	Depth 15.2 meters	21°40.0'N 72°24.3'E
		(Previously published 15/83 with depth 8 fathoms 2 feet)	
	Delete	Dangerous wreck (Mast)	
		Bn	20°59.25'N 72°04.20'E
			21°02.75'N 72°42.50'E
	Change	Light to F 12m 10M	21°55.0'N 72°32.9'E
63091	4Ed. 3/12/83 LAST NM 20/83		
	Add	Light Fl(2) 20s 34m 17M	(8(205)83 Dehra Dun) 29/83
			20°48'15"N 72°50'00"E
63091	4Ed. 3/12/83 LAST NM 29/83		
	Add	Buoy, black, red and white, Fl 3s	(BA CH 1486) 44/84
			21°43.6'N 72°20.5'E
63091	4Ed. 3/12/83 LAST NM 44/84		
	Change	Characteristic of light to L Fl 10s	(BA LL) 20/86
			21°18.8'N 72°36.8'E
63091	4Ed. 3/12/83 LAST NM 20/86		
	Delete	Depth 18.3 meters	(7(182)86 Dehra Dun) 25/86
			20°41.8'N 71°56.2'E
	Add	Depths 6.6 meters	20°42'10"N 71°54'30"E
		6.5 meters	20°41'48"N 71°56'18"E
		5.2 meters	20°42'12"N 71°56'57"E
		6.2 meters	20°42'41"N 71°57'23"E
63091	4Ed. 3/12/83 LAST NM 25/86		
	Relocate	Lightship "Perigee" close SW to	(2(56)87 Dehra Dun) 30/87
			21°42'10"N 72°18'16"E
63091	4Ed. 3/12/83 LAST NM 30/87		
	Add	Submarine pipeline joining	(BA CH 1486) 45/87
			21°02.3'N 72°43.6'E
			20°57.3'N 72°42.7'E
			20°56.8'N 72°42.2'E
		Legend "Oil and gas pipeline (Caution No. 6.)"	20°51.5'N 72°42.7'E
		Caution No. 6 to cautions note "6. Oil and gas pipelines contain flammable material under high pressure. Any ship damaging a line could face an immediate fire hazard. Mariners are strongly advised not to anchor or trawl in the vicinity of pipelines."	21°48.0'N 71°59.0'E
63091	4Ed. 3/12/83 LAST NM 45/87		
	Delete	HORN from light	(18(445)87 Dehra Dun) 51/87
			21°02.3'N 71°48.2'E
★63092	4Ed. 5/10/86	NEW EDITION	(DMAHTC) 52/86
63092	4Ed. 5/10/86 LAST NM 52/86		
	Relocate	Lightship "Perigee" (21°42'48"N 72°18'47"E) to	(2(56)87 Dehra Dun) 30/87
			21°42'11"N 72°18'14"E

★63100	2Ed. 10/16/82	NEW EDITION	(DMAHTC) 49/82
63100	2Ed. 10/16/82 LAST NM 49/82 Add	Purple dashed line joining	(8/83 Dehra Dun) 20/83 17°57'N 71°30'E 17°43'N 71°30'E 17°43'N 71°50'E 17°57'N 71°50'E 17°57'N 71°30'E
		Legend "SUBMARINE EXERCISE AREA (See Caution)"	17°50'N 71°40'E
		Note "CAUTION Submarines exercise frequently in the area indicated. A good lookout is to be kept for them when passing through these waters."	16°03'N 70°47'E
63100	2Ed. 10/16/82 LAST NM 20/83 Change	Height of light to 29m	(BA LL) 24/86 16°23.3'N 73°22.3'E
63100	2Ed. 10/16/82 LAST NM 24/86 Delete	Submarine exercise area and legend "(See Caution)" centered	(10(264)86 Dehra Dun) 32/86 17°50'N 71°40'E
	Add	"SUBMARINE EXERCISE AREA SEE CAUTION" joining	17°40'N 71°22'E 17°50'N 71°30'E 17°36'N 71°42'E 17°32'N 71°33'E
		joining	17°20'N 71°32'E 17°10'N 71°50'E 17°00'N 71°45'E 17°08'N 71°25'E
63100	2Ed. 10/16/82 LAST NM 32/86 Add	Characteristic Fl to light symbol	(Ind CH 2028) 48/86 16°59.2'N 73°16.8'E
63100	2Ed. 10/16/82 LAST NM 48/86 Add	Dangerous wreck (PA)	(18(448)87 Dehra Dun) 51/87 17°17.0'N 72°58.0'E
63100	2Ed. 10/16/82 LAST NM 51/87 Delete	Dangerous wreck (PA) Danger circle "Obstr Rep (1926)" (PA)	(7(183)88 Dehra Dun) 32/88 17°48.8'N 73°03.9'E 17°51.9'N 73°02.2'E
63100	2Ed. 10/16/82 LAST NM 32/88 Add	Purple dashed-line circle "Unexploded ordnance (Rep 1989)"	(6(156)89 Dehra Dun) 24/89 17°11.1'N 71°29.0'E
★63101	14Ed. 8/20/88 Change	NEW EDITION Lines 15-16 of caution note to "support vessels exist with the designated oil development areas enclosed by dashed lines. As all these features cannot be charted"	(DMAHTC) 48/88 19°20.3'N 72°53.6'E
63101	14Ed. 8/20/88 LAST NM 48/88 Change	Buoy to R, can Fl R 1½s	(22(546)85 Dehra Dun) 49/88 18°51.4'N 72°48.8'E
63101	14Ed. 8/20/88 LAST NM 49/88 Delete	Stranded wreck	(14(388)88 Dehra Dun) 1/89 18°52.7'N 72°47.8'E
63101	14Ed. 8/20/88 LAST NM 1/89 Delete	Buoy	(23(595)88 Dehra Dun) 11/89 18°52.9'N 72°51.5'E
63101	14Ed. 8/20/88 LAST NM 11/89 Delete	Stranded wreck and legend "Uncovers"	(1(38)89 Dehra Dun) 19/89 18°52.9'N 72°51.7'E
63101	14Ed. 8/20/88 LAST NM 19/89 Delete	Buoy	(6(144)89 Dehra Dun) 24/89 18°50.3'N 72°48.5'E
	Add	Buoy G, conical, cone topmark, Fl G 5s	18°50'20"N 72°48'24"E

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★63102	18Ed. 3/11/89	NEW EDITION	(DMAHTC; 3(72), 6(144)89 Dehra Dun) 25/89
	Delete	Depth 6.6 meters Wk (Previously published 19/89)	18°55'26"N 72°50'37"E
	Delete	Buoy	18°50'16"N 72°48'33"E
	Relocate	Buoy "SW Elephanta" close NNE to	18°56'56"N 72°54'58"E
	Add	Buoy G, conical, cone topmark, Fl G 5s	18°50'20"N 72°48'28"E
★63103	16Ed. 7/23/88	NEW EDITION	(DMAHTC; 12(329) Dehra Dun) 38/88
	Delete	Dangerous wreck and buoy Buoy (mooring)	18°52'36"N 72°52'22"E 19°00'33"N 72°57'27"E
	Add	Light flare symbol to light dot	18°54'40"N 72°49'37"E
63103	16Ed. 7/23/88 LAST NM 38/88		(20(519)88 Dehra Dun) 1/89
	Change	Period of buoy to 1½s Legends "Dredged to 7.6m (1985)" to "Maintained depth 7.0m"	18°55'15"N 72°50'57"E 18°56'22"N 72°50'42"E
		"Dredged to 6.1m (1985)" to "Maintained depth 6.1m"	18°56'23"N 72°50'43"E
63103	16Ed. 7/23/88 LAST NM 1/89		(23(595)88 Dehra Dun) 11/89
	Delete	Buoy	18°52'57"N 72°51'32"E
63103	16Ed. 7/23/88 LAST NM 11/89		(1(38), 2(52), 3(73)89 Dehra Dun) 19/89
	Delete	Stranded wreck and drying height 0.9 meter	18°52'58"N 72°51'41"E
		Stranded wreck Depth 6.6 meters Wk	18°58'14"N 72°52'21"E 18°55'27"N 72°50'37"E
★63110	4Ed. 6/15/85	NEW EDITION	(DMAHTC) 34/85
63110	4Ed. 6/15/85 LAST NM 34/85		(13(345)85 Dehra Dun) 51/85
	Add	Danger circle "Unexploded Ordnance"	14°01.1'N 74°19.3'E
63110	4Ed. 6/15/85 LAST NM 51/85		(20(508)85 Dehra Dun) 2/86
	Substitute	Depth 10.5 meters Wk for dangerous wreck	15°25.5'N 73°44.7'E
63110	4Ed. 6/15/85 LAST NM 2/86		(BA LL) 24/86
	Change	Height of light to 29m	16°23.3'N 73°22.3'E
63110	4Ed. 6/15/85 LAST NM 24/86		(BA RA; BA LL) 51/86
	Delete	R Bn (AERO) (PA)	15°23.2'N 73°49.9'E
	Change	Visibility (range) of lights to 7M 8M	14°25.2'N 74°23.1'E 14°16.7'N 74°26.7'E
63110	4Ed. 6/15/85 LAST NM 51/86		(2(81)88 Dehra Dun) 17/88
	Add	Dangerous wreck	15°28.1'N 73°46.5'E
63110	4Ed. 6/15/85 LAST NM 17/88		(7(184)88 Dehra Dun) 30/88
	Delete	Dangerous wreck (Supersedes 17/88-63110)	15°28.1'N 73°46.5'E
★63111	8Ed. 1/16/88	NEW EDITION	(DMAHTC; 21(540)87 Dehra Dun) 15/88
	Add	(Plan A) Depth 2 meters	15°28'54"N 73°47'57"E
63111	8Ed. 1/16/88 LAST NM 15/88		(2(81)88 Dehra Dun) 17/88
	Add	(And Plan A) Dangerous wreck	15°28'08"N 73°46'31"E
63111	8Ed. 1/16/88 LAST NM 17/88		(7(184)88 Dehra Dun) 30/88
	Delete	(And Plan A) Dangerous wreck (Supersedes 17/88-63111)	15°28'08"N 73°46'31"E

63111	6Ed. 1/16/88 LAST NM 30/88		(8(209)88 Dehra Dun) 33/88
		(Plans A & B)	
	Add	Buoys R, can, Fl R 2s	15°24'31.0"N 73°48'30.9"E 15°24'13.3"N 73°48'32.0"E
63111	6Ed. 1/16/88 LAST NM 33/88		(5(122)89 Dehra Dun) 21/89
	Delete	Buoy and legend "(2 Buoys)"	15°21.0'N 73°44.5'E
		(Plan A)	
	Delete	Buoys	15°21.1'N 73°44.5'E 15°21.1'N 73°44.6'E
*63120	2Ed. 9/19/81	NEW EDITION	(DMAHTC) 45/81
	Delete	Light flare symbol	11°51.0'N 75°22.5'E
	Add	Light flare symbol to light dot	12°57.5'N 74°53.4'E
63120	2Ed. 9/19/81 LAST NM 45/81		(US CH 63005) 1/82
	Add	Depth 35 meters "Rep (1971)"	12°00.0'N 74°12.0'E
63120	2Ed. 9/19/81 LAST NM 1/82		(2(63)82 Dehra Dun) 43/82
	Change	Height of light to 7m and visibility (range) to 7M	14°16.4'N 74°26.5'E
63120	2Ed. 9/19/81 LAST NM 43/82		(8(224T)82 Dehra Dun) 44/82
	Add	Dangerous wreck (Masts) (PA)	13°30.0'N 74°40.0'E
63120	2Ed. 9/19/81 LAST NM 44/82		(23(611)82 Dehra Dun) 15/83
	Add	Dangerous wreck	12°50'00"N 74°48'00"E
63120	2Ed. 9/19/81 LAST NM 15/83		(15(402, 403)83 Dehra Dun) 37/83
	Delete	Light	13°27.1'N 74°42.1'E
	Substitute	Danger circle "Foul" (PA) for dangerous wreck (Masts) (PA) (Supersedes 44/82-63120)	13°30.0'N 74°40.0'E
63120	2Ed. 9/19/81 LAST NM 37/83		(13(352)83 Dehra Dun; BA LL) 48/83
	Substitute	Depth 2 meters for 4.1 meters	14°05.1'N 74°27.1'E
	Change	Light to Fl(2) 20s 56m 27M FR 37m 16M SIREN (3)	13°57.9'N 74°32.0'E
63120	2Ed. 9/19/81 LAST NM 48/83		(4(99)84 Dehra Dun; BA CH 3461) 16/84
	Delete	Buoy (Fl(3))	12°55.9'N 74°47.5'E
	Change	Legend to "Lights in line 078°56'"	12°54.4'N 74°44.4'E
		Buoy to safe water buoy: RW, pillar, ball topmark, L Fl 10s	12°54.9'N 74°45.9'E
		Light to Oc 6M	12°55.5'N 74°49.5'E
	Add	Note "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region A. For further explanation, see annual NM 1(6) and Chart No. 1."	13°45'N 75°15'E
63120	2Ed. 9/19/81 LAST NM 16/84		(19(461), 20(485)84 Dehra Dun) 4/85
	Delete	Light and legend "(Fishing Lt)" in vicinity	12°30.0'N 74°58.4'E
	Add	Light Fl(3) 20s 36m 17M (PA)	12°30.3'N 74°58.4'E
63120	2Ed. 9/19/81 LAST NM 4/85		(24(585)84 Dehra Dun) 6/85
	Add	Buoy, yellow can, Fl	12°56'N 74°43'E
63120	2Ed. 9/19/81 LAST NM 6/85		(7(191)85 Dehra Dun) 26/85
	Delete	Buoy (Cancels 6/85-63120)	12°56'N 74°43'E
63120	2Ed. 9/19/81 LAST NM 26/85		(13(345)85 Dehra Dun) 51/85
	Add	Danger circle "Unexploded Ordnance"	14°01.1'N 74°19.3'E

63120	2Ed. 9/19/81 LAST NM 51/85		
	Delete	Light	(20(509)85 Dehra Dun) 2/86 12°01.0'N 75°14.5'E
63120	2Ed. 9/19/81 LAST NM 2/86		
	Change	Visibility (range) of light to 8M	(BA LL) 51/86 14°16.6'N 74°26.8'E
63120	2Ed. 9/19/81 LAST NM 51/86		
	Add	Position circle (accurate) "R TR (conspic)"	(24(618)86 Dehra Dun) 11/87 12°47.3'N 74°51.8'E
63120	2Ed. 9/19/81 LAST NM 11/87		
	Delete	SIREN from light	(18(449)87 Dehra Dun) 51/87 13°57.9'N 74°32.0'E
★63121	4Ed. 1/16/88	NEW EDITION (Previously Distribution Limited)	(DMAHTC; Ind CH 2052) 15/88
	Delete	Dashed line between	12°53'40"N 74°45'12"E 12°53'40"N 74°46'02"E
	Add	Dashed line (spoil ground limit) joining	12°53'27"N 74°46'09"E 12°53'19"N 74°46'07"E 12°53'07"N 74°45'20"E 12°53'28"N 74°45'14"E
		Dashed line (port limit) joining	12°53'40"N 74°44'32"E 12°53'40"N 74°44'25"E 13°00'18"N 74°43'06"E 13°00'18"N 74°47'24"E
		Legends "Port Limit"	12°56'12"N 74°44'03"E 13°00'12"N 74°45'06"E
	Change	(And Plan A) Legend "South Port Limit" to "Port Limit"	12°53'42"N 74°47'00"E
	Delete	(Plan A) Dashed line between	12°53'40"N 74°45'09"E 12°53'40"N 74°45'59"E
	Add	Dashed line (spoil ground limit) joining	12°53'33.0"N 74°46'00.8"E 12°53'22.3"N 74°46'03.0"E 12°53'10.6"N 74°45'16.1"E 12°53'33.0"N 74°45'11.0"E
		Dashed line (port limit)	12°53'40.5"N 74°45'00.0"E 12°53'40.5"N 74°44'23.0"E 13°00'14.2"N 74°43'05.3"E 13°00'14.2"N 74°47'23.3"E
		Legends "Port Limit"	12°56'24.0"N 74°43'54.0"E 13°00'10.0"N 74°45'18.0"E
63121	4Ed. 1/16/88 LAST NM 15/88		
	Relocate	Buoy "Fairway" close WSW to	(5(130)88 Dehra Dun) 25/88 12°54'57"N 74°45'09"E
63121	4Ed. 1/16/88 LAST NM 25/88		
		(Plan A)	(5(130)88 Dehra Dun) 33/88
	Relocate	Buoy "Fairway" close WSW to	12°54'57"N 74°45'09"E
★63150	1Ed. 5/3/86	NEW CHART	
		(Panel B)	(DMAHTC; BA LL) 52/86
	Change	Lights to Fl(3) 30s 35m 10M Fl(2) 10s (PA)	10°52.4'N 72°12.2'E 10°34.5'N 72°38.6'E
63150	1Ed. 5/3/86 LAST NM 52/86		
		(Plan C)	(43(2861)85, 11(847)87 Taunton) 21/87
	Add	Depths 91 meters "Rep (1985)" 50 meters "Rep (1986)"	7°38.5'N 72°42.6'E 7°38.0'N 72°43.9'E
★63150	1Ed. 5/3/86 LAST NM 21/87		
		(Panel B)	(MCNM8159/88) 44/88
	Add	Depths 624 meters 419 meters	11°43.0'N 73°00.7'E 11°44.2'N 73°01.0'E

63150	1Ed. 5/3/86 LAST NM 44/88		(22(568)88 Dehra Dun) 11/89
		(Panel B)	
	Change	Light to Fl 5s 40m 17M and delete obscured sector	10°33.8'N 72°38.7'E
★63160	1Ed. 3/23/85	NEW CHART	(DMAHTC) 22/85
63160	1Ed. 3/23/85 LAST NM 22/85		(BA CH 66A) 18/89
	Add	Depth 18.3 meters	5°38.7'N 73°19.3'E
★63170	3Ed. 9/28/85	NEW EDITION	(DMAHTC; 16(418)85 Dehra Dun) 48/85
	Add	Light Fl(2) 10s 15m 10M	3°40.8'N 73°25.3'E
63170	3Ed. 9/28/85 LAST NM 48/85		(HNNM7660/85) 4/86
	Delete	Drying coral between	4°14'18"N 73°29'14"E 4°14'01"N 73°29'08"E
★63172	3Ed. 3/16/85	NEW EDITION	(DMAHTC; NVP0045/83) 25/85
	Delete	Buoy (mooring) "(priv)"	4°11'32"N 73°30'41"E
★63172	3Ed. 3/16/85 LAST NM 25/85		(HNNM7481/85) 27/85
	Delete	Drying coral reefs	4°14'38"N 73°32'50"E 4°14'39"N 73°32'32"E
63172	3Ed. 3/16/85 LAST NM 27/85		(HNNM7660/85) 4/86
	Delete	Drying coral between	4°14'19"N 73°29'18"E 4°14'01"N 73°29'10"E
	Add	Depth 11.7 meters	4°14'11"N 73°29'17"E
63172	3Ed. 3/16/85 LAST NM 4/86		(42(3190)87 Taunton) 50/87
	Delete	Stranded wreck	4°11'34"N 73°31'28"E
	Add	Depth 19 meters Wk	4°11'48.0"N 73°30'56.5"E
★63180	3Ed. 11/23/85	NEW EDITION	(DMAHTC; 16(418)85 Dehra Dun; BA CH 66B) 4/86
		(Previously Distribution Limited)	
	Delete	Legend "PA" from light	3°30.7'N 73°17.4'E
	Change	Line 6 of caution note to "charted atolls. The positions of the lights on the reefs and atolls are approximate."	2°50.0'N 72°39.0'E
	Add	Lights Fl 6s 5m 7M,	2°01.1'N 73°21.4'E
		Fl(2) 10s 15m 10M	2°07.6'N 73°35.2'E
		Fl 6s 5m 7M	2°19.3'N 73°19.2'E
		Fl 5s 15m 10M	2°30.5'N 73°18.4'E
		Fl(2) 10s 15m 10M	2°40.5'N 72°52.2'E
		Fl(2) 10s 15m 10M	2°45.7'N 73°25.3'E
		Fl 6s 5m 7M	3°00.1'N 73°00.5'E
		Fl 10s 15m 10M	3°05.3'N 73°38.5'E
		Fl(2) 20s 15m 10M	3°05.1'N 72°51.3'E
		Fl 6s 5m 7M	3°16.8'N 72°59.6'E
		Fl(2) 10s 15m 10M	3°27.6'N 73°45.8'E
		Fl(2) 10s 15m 10M	3°40.8'N 73°25.2'E
63180	3Ed. 11/23/85 LAST NM 4/86		(25(1799)86 Taunton) 35/86
	Add	Depth 328 meters "Rep (1986)"	1°45.5'N 73°11.0'E
★63190	2Ed. 3/23/85	NEW EDITION	(DMAHTC) 27/85
		(Previously Distribution Limited)	
63190	2Ed. 3/23/85 LAST NM 27/85		(25(1799)86 Taunton) 35/86
	Add	Depth 328 meters "Rep (1986)"	1°45.5'N 73°11.0'E
63190	2Ed. 3/23/85 LAST NM 35/86		(27(2057)88 Taunton) 37/88
	Add	Light Fl 10s 14M	0°53.8'N 73°20.9'E
★63200	4Ed. 3/15/86	NEW EDITION	(DMAHTC) 21/86
	Delete	Light	10°23.4'N 76°06.1'E
		(Previously published 19/86)	

63200	4Ed. 3/15/86 LAST NM 21/86		
	Add	Light Fl(2) 20s 112ft 16M	(20(526)86 Dehra Dun) 3/87 10°33.1'N 76°01.1'E
63200	4Ed. 3/15/86 LAST NM 3/87		(MCNM7892/87) 6/87
	Relocate	Legends "SUBMARINE EXERCISE AREA CAUTION NO 2" close S to	9°52.5'N 75°48.5'E
		"SUBMARINE EXERCISE AREA CAUTION NO 2" close E	9°31.5'N 75°48.5'E
	Add	Purple dashed lines joining	10°00.0'N 75°43.0'E 9°45.0'N 75°46.0'E 9°45.0'N 75°54.0'E 10°00.0'N 75°51.5'E 10°00.0'N 75°43.0'E
		joining	9°39.0'N 75°43.0'E 9°24.0'N 75°46.0'E 9°24.0'N 75°54.5'E 9°39.0'N 75°52.0'E 9°39.0'N 75°43.0'E
		joining	10°15.0'N 75°11.0'E 10°17.0'N 75°25.0'E 9°57.0'N 75°29.0'E 9°55.0'N 75°14.0'E 10°15.0'N 75°11.0'E
		Legend "SUBMARINE EXERCISE AREA CAUTION NO 2"	10°07.0'N 75°20.0'E
63200	4Ed. 3/15/86 LAST NM 6/87		
	Delete	Buoy	(24(619)86 Dehra Dun) 11/87 10°10.3'N 75°41.7'E
	Add	Buoy, red can, Ra Ref	10°09.3'N 75°42.9'E
63200	4Ed. 3/15/86 LAST NM 11/87		
	Add	Purple dashed-line circle "Unexploded ordnance (Rep 1989)"	(5(139)89 Dehra Dun) 21/89 10°12.5'N 75°21.5'E
★63201	7Ed. 6/4/88	NEW EDITION	
	Delete	Buoy with legend "Spoil Ground" (Previously published 32/88)	(DMAHTC) 33/88 9°56'22"N 76°12'03"E
	Add	(And Plan) Buoy, white spherical close S of dangerous wreck (Previously published 32/88)	9°58'03"N 76°11'09"E
63201	7Ed. 6/4/88 LAST NM 33/88		
	Add	(And Plan) Light F 5m 2M	(22(570)88 Dehra Dun) 11/89 9°58'15"N 76°15'31"E
★63202	3Ed. 1/19/85	NEW EDITION	(DMAHTC) 14/85
★63205	1Ed. 8/6/88	NEW CHART	(DMAHTC) 39/88
★63210	3Ed. 11/23/85	NEW EDITION	
	Change	Visibility (range) of light to 23 M	(DMAHTC) 7/86 8°07.3'N 77°19.2'E
63210	3Ed. 11/23/85 LAST NM 7/86		
	Delete	Legend "(Storm Sig)"	(6(149)88 Dehra Dun) 25/88 8°52.4'N 76°38.3'E
63210	3Ed. 11/23/85 LAST NM 25/88		
	Add	Light Fl(2) 20s 38m 17M	(9(239)88 Dehra Dun) 28/88 8°40.5'N 76°45.5'E
63210	3Ed. 11/23/85 LAST NM 28/88		
	Change	Visibility (range) of lights to 29M 31M 26M	(BA LL) 18/89 8°04.7'N 77°32.8'E 8°22.8'N 76°58.8'E 8°52.6'N 76°34.0'E

★63220	4Ed. 4/23/83	NEW EDITION	(DMAHTC; 21(555)82 Dehra Dun; US LL) 27/83
	Add	Dangerous wreck (Mast) marked close N by buoy, green can, Fl G 5s (Previously published 24/83)	6°57.0'N 79°45.0'E
	Change	Lights	
		(FR 10M) to Fl R 10M	6°57.8'N 79°50.9'E
		(FG 10M) to Fl G 10M	6°57.5'N 79°50.8'E
		Period of light to 5s	8°07.5'N 77°19.2'E
63220	4Ed. 4/23/83 LAST	NM 27/83	(22(1437)83 Taunton; NVS6985/83) 32/83
	Delete	R Bn (AERO)	7°59.1'N 79°50.9'E
		Dangerous wreck (Mast) and buoy close N (Supersedes 24/83 - 63220)	6°57.0'N 79°45.0'E
	Add	Dangerous wreck (PA)	6°57.75'N 79°45.50'E
		Buoy, green can, Fl 4s	6°57.25'N 79°45.50'E
63220	4Ed. 4/23/83 LAST	NM 32/83	(46(50)83 Brest) 6/84
	Add	Stranded wreck	7°12.7'N 79°48.5'E
63220	4Ed. 4/23/83 LAST	NM 6/84	(BA RA) 10/84
	Delete	R Bn (AERO)	7°11.2'N 79°52.5'E
63220	4Ed. 4/23/83 LAST	NM 10/84	(18(466)85 Dehra Dun) 51/85
	Add	"Negombo Waiting Area" bound by dashed line joining	7°15.0'N 79°40.0'E
			7°10.0'N 79°41.5'E
			7°10.0'N 79°48.5'E
			7°15.0'N 79°47.0'E
63220	4Ed. 4/23/83 LAST	NM 51/85	(BA LL) 18/89
	Change	Visibility (range) of lights to 29M	8°04.7'N 77°33.0'E
		23M	8°07.5'N 77°19.2'E
63220	4Ed. 4/23/83 LAST	NM 18/89	(5(123)89 Dehra Dun) 21/89
	Change	Light to Fl(2) 10s 31m 7M Note: Obscured sector unchanged	8°22.4'N 78°04.0'E
★63230	5Ed. 4/16/83	NEW EDITION	(DMAHTC) 23/83
63230	5Ed. 4/16/83 LAST	NM 23/83	(17(1131)83 Taunton) 24/83
	Add	Dangerous wreck (Mast) marked close N by buoy, green can, Fl G 5s	6°57.0'N 79°45.0'E
63230	5Ed. 4/16/83 LAST	NM 24/83	(NVS6985/83) 32/83
	Delete	Dangerous wreck (Mast) and buoy close N (Supersedes 24/83-63230)	6°57.0'N 79°45.0'E
	Add	Dangerous wreck (PA)	6°57.6'N 79°45.5'E
		Buoy, green can, Fl 4s	6°57.1'N 79°45.5'E
63230	5Ed. 4/16/83 LAST	NM 32/83	(46(50)83 Brest) 6/84
	Add	Stranded wreck	7°12.2'N 79°48.8'E
63230	5Ed. 4/16/83 LAST	NM 6/84	(BA RA) 10/84
	Delete	R Bn (AERO)	7°10.8'N 79°52.7'E
63230	5Ed. 4/16/83 LAST	NM 10/84	(31(2039)84 Taunton) 39/84
	Add	Dangerous wreck (PA)	6°51.0'N 79°48.0'E
63230	5Ed. 4/16/83 LAST	NM 39/84	(BA LL) 16/89
	Change	Visibility (range) of lights to 25M	6°10.7'N 81°28.8'E
		25M	6°01.3'N 80°12.8'E
		27M	6°27.6'N 79°57.8'E
★63231	5Ed. 2/9/85	NEW EDITION	(DMAHTC; BA LL) 15/85
	Delete	R Bn at light	6°56.1'N 79°50.4'E
	Change	Light to 2 FR 305ft 9M and delete purple circle	6°55.1'N 79°52.7'E

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63231 5Ed. 2/9/85 LAST NM 15/85 (18(466)85 Dehra Dun) 51/85
Add "Panadura Waiting Area" bound by dashed line joining
6°43.0'N 79°46.5'E
6°38.0'N 79°48.5'E
6°38.0'N 79°53.0'E
6°43.0'N 79°51.5'E

63231 5Ed. 2/9/85 LAST NM 51/85 (41(2989)86 Taunton) 49/86
Add Purple composite line (limit of submarine cable area) between
6°56'10"N 79°50'15"E
6°56'10"N 79°46'18"E

between
6°54'36"N 79°50'44"E
6°52'55"N 79°46'18"E

Anchorage prohibited symbol
6°55'00"N 79°48'06"E

63231 5Ed. 2/9/85 LAST NM 49/86 (6(451)87 Taunton) 15/87
Add Superbuoy "TANKER"
6°58'43"N 79°46'35"E
Buoy Y, can, "X" topmark, Fl Y 5s
6°58'30"N 79°50'42"E

Submarine pipeline joining
6°58'43"N 79°46'35"E
6°58'25"N 79°47'14"E
6°58'25"N 79°48'48"E
6°58'05"N 79°49'47"E
6°57'59"N 79°50'32"E
6°57'50"N 79°51'07"E
6°57'40"N 79°51'10"E

Dashed line (sewer) joining
6°58'30"N 79°50'42"E
6°58'36"N 79°50'45"E
6°57'47"N 79°51'32"E

63231 5Ed. 2/9/85 LAST NM 15/87 (51(3868)87 Taunton) 12/88
Add Light Fl 10s to superbuoy TANKER
6°58'43"N 79°46'35"E
(See 15/87-63231)

Purple composite-line circle, radius 1.5 miles, centered
6°58'43"N 79°46'35"E
(See 15/87-63231)

Legend "RESTRICTED AREA"
6°59'30"N 79°46'35"E

63231 5Ed. 2/9/85 LAST NM 12/88 (BA LL) 16/89
Change Visibility (range) of light to 25M
6°01.4'N 80°13.0'E

63231 5Ed. 2/9/85 LAST NM 16/89 (6(479)89 Taunton) 18/89
Change Buoy to black, spherical
6°00.4'N 80°13.1'E

★63233 13Ed. 8/30/86 NEW EDITION (DMAHTC; BA LL) 44/86
(Plan)
Change Obscured sector of lights
from 015°-161° to 270°-155°
6°57'12"N 79°50'46"E
270°-155° to 015°-161°
6°57'10"N 79°50'47"E

63233 13Ed. 8/30/86 LAST NM 44/86 (41(2989)86 Taunton) 49/86
Add Purple composite lines (limit of submarine cable area) between
6°56'10.6"N 79°46'30.0"E
6°56'10.6"N 79°50'25.8"E

between
6°54'36.5"N 79°50'55.4"E
6°53'00.0"N 79°46'30.0"E

Anchorage prohibited symbols
6°55'48.0"N 79°47'06.0"E
6°55'42.0"N 79°49'30.0"E
6°55'00.0"N 79°48'06.0"E
6°54'30.0"N 79°49'24.0"E
6°53'48.0"N 79°47'30.0"E

(Plan)
Add Purple composite line (limit of submarine cable area) between
6°55'10.6"N 79°50'25.8"E
6°56'10.6"N 79°50'00.0"E

Anchorage prohibited symbols
6°56'03.0"N 79°50'06.0"E
6°55'51.0"N 79°50'18.0"E

63233	13Ed. 8/30/86 LAST NM 49/86		(6(451)87 Taunton) 15/87
	Add	Superbuoy TANKER	6°58′40″N 79°46′39″E
		Buoy Y, can, "X" topmark, Fl Y 5s	6°58′30″N 79°50′54″E
		Submarine pipeline joining	6°58′40″N 79°46′39″E
			6°58′24″N 79°47′17″E
			6°58′24″N 79°48′52″E
			6°58′02″N 79°49′50″E
			6°57′57″N 79°50′16″E
			6°57′57″N 79°50′41″E
			6°57′49″N 79°51′16″E
			6°57′39″N 79°51′19″E
		Dashed line "Sewer" joining	6°58′30″N 79°50′54″E
			6°58′34″N 79°51′01″E
			6°57′48″N 79°51′45″E
		(Plan)	
	Add	Submarine pipeline joining	6°58′08.7″N 79°50′00.0″E
			6°57′58.1″N 79°50′15.9″E
			6°57′58.1″N 79°50′41.8″E
			6°57′49.8″N 79°51′17.2″E
			6°57′40.1″N 79°51′51.3″E
		Dashed line "Sewer" between	6°58′18.2″N 79°51′17.2″E
			6°57′48.3″N 79°51′45.2″E
63233	13Ed. 8/30/86 LAST NM 15/87		(10(769), 13(1020)87 Taunton) 19/87
	Delete	Dashed line between	6°58′55″N 79°50′30″E
			6°59′07″N 79°52′11″E
	Relocate	Legend "Port Limit" close WSW to	6°58′48″N 79°49′51″E
	Add	"Restricted Area (see note)" bound by shoreline and purple composite line joining	
			6°57′39″N 79°51′14″E
			6°58′55″N 79°50′30″E
			6°59′07″N 79°52′11″E
		Note "RESTRICTED AREA All shipping, other than fishing vessels, is prohibited from entering the area indicated. Vessels approaching Colombo from the north are advised to keep to seaward of Ona Gala, 7°00′N, 79°50′E."	6°53′48″N 79°52′10″E
		(Plan)	
	Add	Legend "Restricted Area (see note)"	6°58′37.5″N 79°51′12.6″E
		Purple composite line between	6°58′39.2″N 79°51′14.0″E
			6°57′18.2″N 79°50′51.2″E
63233	13Ed. 8/30/86 LAST NM 19/87		(6(451)87 Taunton) 28/87
		(Plan)	
	Delete	Submarine pipeline between	6°57′49.8″N 79°51′17.2″E
			6°57′40.1″N 79°51′51.3″E
		(See 15/87-63233)	
	Add	Submarine pipeline between	6°57′49.8″N 79°51′17.2″E
			6°57′40.1″N 79°51′21.3″E
63233	13Ed. 8/30/86 LAST NM 28/87		(31(2348)87 Taunton) 43/87
		(And Plan)	
	Delete	Legend "Container Terminal"	6°57′08″N 79°51′18″E
	Substitute	Solid line for dashed line joining	6°57′03″N 79°51′14″E
			6°56′52″N 79°51′11″E
			6°56′51″N 79°51′17″E
			6°56′53″N 79°51′20″E
	Add	Land tint to water area bound by shore and solid line above	
		(Plan)	
	Add	Legend "Jaye Container Terminal"	6°57′03″N 79°51′18″E

SECTION 63

63233	13Ed. 8/30/86 LAST NM 43/87		(BA CH 1655) 45/87
		(Plan)	
	Delete	Foul area centered	6°57′24″N 79°50′55″E
		Buoys (mooring) "10"	6°56′53″N 79°50′49″E
		(mooring) "16"	6°56′52″N 79°50′55″E
		(mooring) "15"	6°56′45″N 79°50′54″E
		(mooring) "14"	6°56′38″N 79°50′53″E
		(mooring) "24"	6°57′06″N 79°51′06″E
		(mooring) "23"	6°56′58″N 79°51′03″E
		(mooring) (undesignated)	6°57′34″N 79°51′04″E
		(mooring) (undesignated)	6°57′35″N 79°51′04″E
		(mooring) (undesignated)	6°57′27″N 79°51′10″E
		Legend "Explosive Moorings"	6°57′36″N 79°51′04″E
	Add	Buoys (mooring) "48"	6°57′23.2″N 79°50′56.0″E
		(mooring) "47"	6°57′18.5″N 79°50′53.2″E
63233	13Ed. 8/30/86 LAST NM 45/87		(51(3868)87 Taunton) 12/88
	Change	Note to "RESTRICTED AREAS All shipping other than tankers using the S.P.M. buoy are advised to keep clear of the area centered in 6°58.6′N 79°46.5′E. All shipping, other than fishing vessels, is prohibited from entering the area centered in 6°58.5′N 79°51.3′E. Vessels approaching Colombo from the north are advised to keep to seaward of Ona Gala, 7°00′N 79°50′E." (See 19/87-63233)	6°53′48″N 79°52′10″E
	Add	"Restricted Area (see Note)" bound by chart border and purple composite-line arc of a circle, radius 1.5 miles, centered	6°58′40″N 79°46′39″E
		Light Fl 10s to superbuoy TANKER (See 15/87-63233)	6°58′40″N 79°46′39″E
63233	13Ed. 8/30/86 LAST NM 12/88		(BA LL) 37/88
		(And Plan)	
	Change	Light to FR 2m 1M	6°57′28″N 79°51′14″E
63233	13Ed. 8/30/86 LAST NM 37/88		(37(2778)88 Taunton) 46/88
	Add	Pilot station symbol	6°57′36″N 79°49′45″E
		(And Plan)	
	Delete	Pilot station symbol	6°58′12″N 79°50′18″E
63233	13Ed. 8/30/86 LAST NM 46/88		(39(2925)88 Taunton; BA CH 1655) 49/88
	Delete	Foul area centered	6°57′24″N 79°50′56″E
	Add	Solid lines between	6°57′30″N 79°50′58″E 6°57′28″N 79°51′00″E
		between	6°57′30″N 79°51′01″E 6°57′28″N 79°50′59″E
		(Plan)	
	Delete	Buoy (mooring) "49"	6°57′29″N 79°51′00″E
		Legend "Under Reclamation (1984)"	6°57′15″N 79°51′20″E
		Dashed lines joining	6°57′18″N 79°51′51″E 6°57′18″N 79°51′47″E 6°57′16″N 79°51′47″E
		joining	6°57′13″N 79°51′47″E 6°57′13″N 79°51′52″E 6°57′12″N 79°51′52″E
	Add	Solid line (jetty) between	6°57′29.5″N 79°50′58.0″E 6°57′29.1″N 79°50′58.8″E
		Double solid line with land tint (jetty) 20 meters wide on centerline between	6°57′30.0″N 79°50′59.9″E 6°57′27.5″N 79°50′58.2″E

(continued on next page)

63233	(Continued)		49/88
	Add	Land tint area bound by shore and solid line joining	6°57′11.4″N 79°51′22.2″E 6°57′11.3″N 79°51′23.9″E 6°57′12.8″N 79°51′24.0″E 6°57′13.6″N 79°51′18.4″E 6°57′14.1″N 79°51′18.5″E 6°57′12.8″N 79°51′27.3″E 6°57′14.2″N 79°51′27.5″E 6°57′16.1″N 79°51′45.8″E 6°57′16.8″N 79°51′46.0″E 6°57′15.4″N 79°51′24.1″E 6°57′16.9″N 79°51′24.0″E 6°57′17.1″N 79°51′21.0″E 6°57′17.5″N 79°51′21.1″E 6°57′17.2″N 79°51′24.3″E 6°57′17.8″N 79°51′24.2″E
		and delete land tint and blue tint seaward from above shoreline	
		Dashed line between	6°57′13.0″N 79°51′16.6″E 6°57′12.0″N 79°51′16.5″E
		Legends "Dry Dock"	6°57′14.0″N 79°51′23.0″E
		"No 16"	6°57′17.0″N 79°51′22.0″E
		"SEE NOTE"	6°57′30.0″N 79°51′06.0″E
		"SEE NOTE"	6°57′00.0″N 79°51′00.0″E
		"SEE NOTE"	6°56′36.0″N 79°50′54.0″E
		Note "DREDGED DEPTHS Depths have been reported up to 3 meters shoaler than charted."	6°56′04.0″N 79°51′41.0″E
63233	13Ed. 8/30/86 LAST NM 49/88		(43(3212)88 Taunton) 1/89
		(Plan)	
	Add	Legend "Dredging in progress (1988)"	6°57′11″N 79°51′05″E 6°56′39″N 79°50′51″E
★63234	6Ed. 7/18/81	NEW EDITION	(DMAHTC) 36/81
63234	6Ed. 7/18/81 LAST NM 36/81		(BA CH 2067) 1/83
	Substitute	Depth 53 meters for 62 meters	5°58′26″N 80°14′16″E
		(Plan)	
	Add	Depths 12.8 meters	6°00′26″N 80°14′16″E
		18.3 meters	6°00′54″N 80°12′08″E
63234	6Ed. 7/18/81 LAST NM 1/83		(50(3274)84 Taunton) 8/85
		(Plan)	
	Add	Chartlet, depicting changes in hydrography, from back of Section I	6°01.8′N 80°13.6′E
63234	6Ed. 7/18/81 LAST NM 8/85		(24(1723)86 Taunton) 33/86
		(Plan)	
	Change	Legend to "WRECK (uncov)" (See 8/85-63234)	6°01.6′N 80°13.4′E
63234	6Ed. 7/18/81 LAST NM 33/86		(48(3579)88 Taunton) 4/89
		(And Plan)	
	Add	Stranded wreck	6°00.88′N 80°13.20′E
63234	6Ed. 7/18/81 LAST NM 4/89		(6(479)89 Taunton) 18/89
		(And Plan)	
	Delete	Buoys	6°00.49′N 80°13.18′E 6°01.03′N 80°13.71′E 6°00.88′N 80°13.54′E 6°00.88′N 80°13.25′E 6°00.77′N 80°13.39′E
	Change	Color of buoy to black	6°00.81′N 80°13.36′E
	Add	Buoy, black spherical	6°00.73′N 80°13.08′E
		(Plan)	
	Delete	Buoys (undesignated)	6°01.68′N 80°13.21′E
		"Capera"	6°01.58′N 80°13.21′E
		"Inner Katta"	6°01.66′N 80°13.46′E
		"Outer Katta"	6°01.52′N 80°13.47′E
		(undesignated)	6°01.22′N 80°13.78′E

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63234	(Continued)		
	Delete	Caution No. 2 from cautions note "2. Only buoys....elsewhere." (See 8/85-63234)	18/89 6°02.20′N 80°14.40′E
	Change	Buoy to red and white checkers, can Color of buoy to black	6°01.41′N 80°13.29′E 6°01.39′N 80°13.37′E
★63240	3Ed. 2/12/83	NEW EDITION	(DMAHTC) 14/83
63240	3Ed. 2/12/83 LAST NM 14/83		
	Change	Light to Fl 5s 102ft 10M	(BA LL) 25/85 9°49.8′N 80°14.9′E
63240	3Ed. 2/12/83 LAST NM 25/85		
	Change	Visibility (range) of light to 22M	(BA LL) 15/89 8°31.5′N 81°19.2′E
★63241	3Ed. 6/2/79	NEW EDITION	(DMAHTC) 29/79
★63242	5Ed. 11/24/84	NEW EDITION	(DMAHTC) 4/85
	Change	Lines 1 and 2 of note to "1. The navigable channel to Tamblegam Bay (8°30.3′N 81°11.5′E) is subject to considerable seasonal change"	8°32′09″N 81°11′03″E
63242	5Ed. 11/24/84 LAST NM 4/85		
	Delete	Buoys "N York"	(20(512)87 Dehra Dun) 7/88 8°33′39″N 81°13′33″E
		(undesignated)	8°32′55″N 81°13′06″E
		(undesignated)	8°32′53″N 81°12′49″E
		(undesignated)	8°32′54″N 81°12′03″E
		Buoys (mooring)	8°33′11″N 81°13′28″E
			8°33′08″N 81°13′23″E
			8°32′55″N 81°11′43″E
			8°32′42″N 81°11′40″E
			8°32′42″N 81°11′42″E
		Legends "No 2 Oiling Berth"	8°32′23″N 81°11′46″E
		"No 3 Oiling Berth"	8°33′26″N 81°11′41″E
	Add	Buoys, red can	8°34′11.7″N 81°11′50.8″E
		red can	8°34′00.8″N 81°11′54.0″E
		red can	8°31′27.8″N 81°12′48.5″E
		(mooring)	8°34′19.5″N 81°11′48.0″E
		(mooring)	8°34′19.5″N 81°12′57.4″E
		spherical	8°33′04.0″N 81°12′02.8″E
		spherical	8°33′03.8″N 81°12′11.0″E
		black conical	8°33′24.4″N 81°12′09.0″E
		Dashed line with legend "Conveyor" between	8°34′25.2″N 81°11′46.2″E 8°34′18.8″N 81°11′50.0″E
		Solid line with legend "Dolphin Jetty" between	8°34′18.8″N 81°11′50.0″E 8°34′19.0″N 81°11′55.8″E
		Legends "Ruins"	8°33′25.0″N 81°11′45.0″E
		"See Caution"	8°32′18.0″N 81°12′16.0″E
		Caution note "CAUTION Entry is prohibited inside French Pass Area. The Area is reserved for pearl culture project."	8°32′26.0″N 81°11′14.0″E
63242	5Ed. 11/24/84 LAST NM 7/88		
	Delete	Legend "No 2 Oiling Berth" Buoy (mooring) (See 7/88-63242)	(20(512)87 Dehra Dun) 19/88 8°33′23″N 81°11′46″E 8°34′20″N 81°12′57″E
	Add	Buoy (mooring)	8°34′19.5″N 81°11′57.4″E
★63250	5Ed. 9/17/83	NEW EDITION	(DMAHTC) 15/83

63250	5Ed. 9/17/83 LAST NM 45/83 Change	Period of light to 15s	(19(504)83 Dehra Dun) 48/83 9°13.5'N 78°47.3'E
63250	5Ed. 9/17/83 LAST NM 48/83 Delete	Light	(BA LL) 11/85 9°45.0'N 79°01.4'E
63250	5Ed. 9/17/83 LAST NM 11/85 Change	Visibility (range) of light to 10M	(BA LL) 25/85 9°49.6'N 80°15.1'E
63250	5Ed. 9/17/83 LAST NM 25/85 Add	Stranded wreck	(24(597)85 Dehra Dun) 8/86 8°46.0'N 78°13.1'E
63250	5Ed. 9/17/83 LAST NM 8/86 Add	Racon to light	(6(160)86 Dehra Dun) 20/86 10°17.5'N 79°52.3'E
63250	5Ed. 9/17/83 LAST NM 20/86 Add	Dangerous wreck	(15(423)86 Dehra Dun) 43/86 8°45.8'N 78°15.6'E
63250	5Ed. 9/17/83 LAST NM 43/86 Substitute	Dangerous wreck for stranded wreck (Supersedes 8/86-63250)	(16(434)86 Dehra Dun) 45/86 8°46.0'N 78°13.1'E
63250	5Ed. 9/17/83 LAST NM 45/86 Add	Dangerous wreck marked close S by buoy BRB, spherical	(20(522)88 Dehra Dan) 1/89 9°17.6'N 79°12.1'E
63250	5Ed. 9/17/83 LAST NM 1/89 Substitute	Depth 4.7 meters for 6.4 meters	(Ind CH 315; BA LL) 6/89 9°58.3'N 79°20.5'E
	Change	Visibility (range) of light to 11M	9°45.7'N 79°51.9'E
63250	5Ed. 9/17/83 LAST NM 6/89 Change	Visibility (range) of lights to 13M (Oc) to 5M	(BA CH 2197) 15/89 9°37.6'N 80°02.1'E 9°06.6'N 79°43.5'E
	Add	Depth 11.9 meters	9°29.0'N [illegible]39.6'E
		Anchorage symbol (large vessels)	9°43.9'N 79°[illegible]1'E
63250	5Ed. 9/17/83 LAST NM 15/89 Add	Depths 11.9 meters Well 12.8 meters Well 15.2 meters Well	(7(550)89 Taunton) [illegible]89 9°53.1'N 79°3[illegible]F 9°40.0'N 79°33.6'E 9°19.1'N 79°43.5'E
		Danger circle "Well"	8°49.0'N 79°40.1'E
★63252	1Ed. 6/14/86	NEW CHART	(DMAHTC) 33/86
63252	1Ed. 6/14/86 LAST NM 33/86 Add	Dangerous wreck	(15(423)86 Dehra Dun) 43/86 8°45'49.7"N 78°15'33.4"E
63252	1Ed. 6/14/86 LAST NM 43/86 Substitute	Dangerous wreck for stranded wreck	(16(434)86 Dehra Dun) 45/86 8°46.1'N 78°13.1'E
63252	1Ed. 6/14/86 LAST NM 45/86 Add	"Foul" area bound by dashed line joining	(BA CH 3581) 33/87 7°47'24"N 78°13'34"E 7°47'24"N 78°13'51"E 7°46'54"N 78°13'51"E 7°46'54"N 78°13'34"E
63252	1Ed. 6/14/86 LAST NM 33/87 Substitute	Depth 10.5 meters for 11.3 meters	(BA CH 3581) 37/87 8°45'49"N 78°14'28"E
63252	1Ed. 6/14/86 LAST NM 37/87 Add	Dangerous wreck (PA) marked close E by buoy, red can	(18(450)87 Dehra Dun) 51/87 8°47'23"N 78°12'54"E
63252	1Ed. 6/14/86 LAST NM 51/87 Add	Dangerous wreck (PA)	(20(521)88 Dehra Dun) 1/89 8°48'04.8"N 78°16'24.0"E
63252	1Ed. 6/14/86 LAST NM 1/89 Change	Visibility (range) of light to 28M	(BA LL) 18/89 8°47'09"N 78°11'48"E
63252	1Ed. 6/14/86 LAST NM 18/89 Add	Legend "Less water (rep 1988)"	(8(628)89 Taunton) 19/89 8°44'49"N 78°13'03"E
★63260	5Ed. 8/25/84	NEW EDITION	(DMAHTC) 41/84

63260	5Ed. 8/25/84 LAST NM 41/84		
	Add	Stranded wreck (PA)	(3(110)85 Dehra Dun) 15/85 11°42.5'N 79°48.0'E
63260	5Ed. 8/25/84 LAST NM 15/85		
	Substitute	Dangerous wreck (Masts) (PA) for stranded wreck (PA) (Cancels 15/85-63260)	(5(148)85 Dehra Dun) 18/85 11°42.5'N 79°48.0'E
63260	5Ed. 8/25/84 LAST NM 18/85		
	Change	Visibility (range) of light to 10M	(BA LL) 25/85 9°49.5'N 80°15.0'E
63260	5Ed. 8/25/84 LAST NM 25/85		
	Change	Light to Fl(2) 20s 48m 18M	(7(192)85 Dehra Dun) 26/85 10°45.9'N 79°50.9'E
63260	5Ed. 8/25/84 LAST NM 26/85		
	Add	Depth 4.7 meters	(12(306)85 Dehra Dun) 47/85 10°13.5'N 79°52.3'E
63260	5Ed. 8/25/84 LAST NM 47/85		
	Add	Racon to light	(6(160)86 Dehra Dun) 20/86 10°17.3'N 79°51.9'E
63260	5Ed. 8/25/84 LAST NM 20/86		
	Delete	Depth 6.4 meters	(9(247)86 Dehra Dun) 27/86 10°08.9'N 79°56.8'E
	Add	Depths 5.7 meters	10°12.7'N 79°50.7'E
		4.7 meters	10°13.5'N 79°52.3'E
		4.9 meters	10°14.0'N 79°54.7'E
		4.5 meters	10°09.4'N 79°56.7'E
		3.9 meters	10°09.2'N 79°56.2'E
		5 meters	10°06.9'N 79°55.4'E
		5.6 meters	10°06.3'N 79°55.2'E
		5.9 meters	10°05.9'N 79°55.8'E
63260	5Ed. 8/25/84 LAST NM 27/86		
	Delete	Light (FG)	(BA LL) 4/87 11°55.5'N 79°49.7'E
63260	5Ed. 8/25/84 LAST NM 4/87		
	Delete	Legend "PA" from dangerous wreck (Masts)	(23(509)86 Dehra Dun) 12/87 11°42.5'N 79°48.0'E
63260	5Ed. 8/25/84 LAST NM 12/87		
	Change	Visibility (range) of light to 11M	(Ind CH 315; BA LL) 6/89 9°45.7'N 79°52.0'E
63260	5Ed. 8/25/84 LAST NM 6/89		
	Add	Anchorage symbol (large vessels)	(BA CH 2197) 15/89 9°43.9'N 79°48.1'E
63260	5Ed. 8/25/84 LAST NM 15/89		
	Delete	Light	(BA LL) 16/89 10°19.4'N 79°23.4'E
	Change	Visibility (range) of light to 26M	11°55.2'N 79°49.8'E
63260	5Ed. 8/25/84 LAST NM 16/89		
	Add	Depths 11.9 meters Well	(7(550)89 Taunton) 18/89 9°53.1'N 79°36.6'E
		12.8 meters Well	9°40.1'N 79°33.6'E
★63270	7Ed. 9/1/84	NEW EDITION	
	Add	Legend "OMEGA" in upper center margin of chart	(DMAHTC) 44/84
63270	7Ed. 9/1/84 LAST NM 44/84		
	Delete	Buoy	(12(328)86 Dehra Dun) 34/86 13°07.5'N 80°19.7'E
63270	7Ed. 9/1/84 LAST NM 34/86		
	Change	Light to Fl 5s 53m 19M	(17(453)86 Dehra Dun) 47/86 13°25.2'N 80°19.7'E
63270	7Ed. 9/1/84 LAST NM 47/86		
	Add	Depth 31 meters	(BA CH 574) 34/87 13°07'10"N 80°24'48"E
63270	7Ed. 9/1/84 LAST NM 34/87		
	Add	Purple dashed-line circle "Unexploded Ordnance (rep 1987)"	(22(565)87 Dehra Dun) 5/88 14°22.0'N 81°08.0'E
63270	7Ed. 9/1/84 LAST NM 5/88		
	Delete	Spoil area centered Light	(50(38)88 Rostock) 7/89 13°05.8'N 80°19.7'E 13°06.3'N 80°18.2'E
	Add	Racon	13°07.1'N 80°17.9'E

63270	7Ed. 9/1/84 LAST NM 7/89		(6(157)89 Dehra Dun) 24/89
	Add	Purple dashed-line circle "Unexploded ordnance (Rep 1989)"	14°07.5'N 81°04.2'E
★63271	7Ed. 1/10/87	NEW EDITION	(DMAHTC) 11/87
63271	7Ed. 1/10/87 LAST NM 11/87		(4(100)87 Dehra Dun) 17/87
	Delete	Pilot station symbol	13°06.5'N 80°19.0'E
	Add	Dashed line joining	13°07'16"N 80°21'29"E 13°07'16"N 80°21'55"E 13°06'52"N 80°21'55"E 13°06'52"N 80°21'29"E 13°07'16"N 80°21'29"E
		Legends "Waiting Area-1" "Waiting Area-2"	13°06'30"N 80°20'00"E 13°07'11"N 80°22'17"E
		Pilot station symbols	13°07'04"N 80°21'42"E 13°06'30"N 80°19'40"E
		(And Plan)	
	Delete	Anchorage symbol	13°07.1'N 80°20.4'E
		Waiting Area 1 (for vessels under 11m in length) centered	13°06.5'N 80°19.0'E
	Add	Dashed line joining	13°06'35.8"N 80°19'30.5"E 13°06'35.8"N 80°19'48.2"E 13°06'24.0"N 80°19'48.2"E 13°06'24.0"N 80°19'30.5"E 13°06'35.8"N 80°19'30.5"E
		(Plan)	
	Delete	Pilot station symbol	13°06.6'N 80°19.1'E
	Add	Legend "Waiting Area-1 (for vessels over 230m in length)"	13°06'28.0"N 80°19'39.2"E
		Pilot station symbol	13°06'32.5"N 80°19'39.2"E
63271	7Ed. 1/10/87 LAST NM 17/87		(BA LL) 22/87
		(And Plan)	
	Add	Period 8s to light	13°06'18"N 80°18'13"E
63271	7Ed. 1/10/87 LAST NM 22/87		(50(38)88 Rostock) 7/89
		(And Plan)	
	Delete	Spoil ground area centered	13°05.8'N 80°19.7'E
		Light	13°06.3'N 80°18.2'E
	Add	Light Fl(2) 6s 8M	13°06'26.7"N 80°18'35.5"E
		Racon	13°07'06.0"N 80°17'56.2"E
		(Plan)	
	Delete	Buoy (mooring)	13°05'43"N 80°17'56"E
63271	7Ed. 1/10/87 LAST NM 7/89		(BA LL) 16/89
	Change	Visibility (range) of light to 28M	13°02'26"N 80°16'46"E
★63280	3Ed. 7/7/84	NEW EDITION	(DMAHTC; 13(336)82 Dehra Dun) 41/84
	Change	Visibility (range) of light to 17M	15°02'45"N 80°03'00"E
	Add	Legend "OMEGA" in upper center margin of chart	
63280	3Ed. 7/7/84 LAST NM 41/84		(22(537)84 Dehra Dun) 4/85
	Add	Light Fl(3) 20s 51m 19M (PA)	16°14.8'N 81°14.0'E
63280	3Ed. 7/7/84 LAST NM 4/85		(1(48)85 Dehra Dun) 8/85
	Add	Danger circle with legend "Unexploded ordnance (rep 1984)"	16°26.0'N 82°21.5'E
63280	3Ed. 7/7/84 LAST NM 8/85		(8(229)85 Dehra Dun) 27/85
	Add	Stranded wreck (PA)	16°10.0'N 81°15.9'E

63280	3Ed. 7/7/84 LAST NM 27/85		(12(307)85 Dehra Dun) 47/85
	Delete	Legend "(PA)" from stranded wreck (See 27/85-63280)	16°10.0'N 81°15.9'E
63280	3Ed. 7/7/84 LAST NM 47/85		(2(67)86 Dehra Dun) 10/86
	Add	Dangerous wreck	16°10.9'N 81°19.7'E
63280	3Ed. 7/7/84 LAST NM 10/86		(4(108)86 Dehra Dun) 15/86
	Add	Legend "(PA)" to dangerous wreck (See 10/86-63280)	16°10.9'N 81°19.7'E
63280	3Ed. 7/7/84 LAST NM 15/86		(BA LL) 18/89
	Change	Visibility (range) of lights to 26M	16°14.8'N 81°14.0'E
		26M	15°02.7'N 80°03.0'E

★63290	6Ed. 5/18/85	NEW EDITION	(DMAHTC) 30/85
/ 63290	6Ed. 5/18/85 LAST NM 30/85		(26(1733)85 Taunton) 34/85
	Delete	R Bn at light	17°40.5'N 83°17.6'E
63290	6Ed. 5/18/85 LAST NM 34/85		(HNNM7557/85) 38/85
	Delete	Rocks awash (5), blue tint and enclosing danger line centered	16°42.2'N 82°23.0'E
	Substitute	Depth 2665 meters for 1457 meters	16°31.9'N 83°11.3'E
63290	6Ed. 5/18/85 LAST NM 38/85		(3(57)86 Dehra Dun) 10/86
		(And Plan)	
	Change	Light to Fl(2) 10s 9m 9M	16°57'04"N 82°16'46"E
63290	6Ed. 5/18/85 LAST NM 10/86		(15(412)86 Dehra Dun) 43/86
		(Plan)	
	Relocate	Buoy close NW to	16°59'12"N 82°18'55"E
63290	6Ed. 5/18/85 LAST NM 43/86		(17(467)86 Dehra Dun) 48/86
		(And Plan)	
	Add	Dangerous wreck	17°00'44"N 82°21'11"E
63290	6Ed. 5/18/85 LAST NM 48/86		(11(289)87 Dehra Dun) 37/87
	Add	Purple dashed-line circle "Unexploded Ordnance"	17°35'00"N 84°03'00"E
63290	6Ed. 5/18/85 LAST NM 37/87		(19(498), 22(561)87 Dehra Dun) 5/88
	Add	Wreck	17°43.7'N 83°29.5'E
		Purple dashed-line circle "Unexploded Ordnance (rep 1987)"	17°28.0'N 83°53.1'E
63290	6Ed. 5/18/85 LAST NM 5/88		(8(213, 214)88 Dehra Dun) 28/88
	Add	Wreck	17°42.8'N 83°43.4'E
			17°53.8'N 84°00.7'E
63290	6Ed. 5/18/85 LAST NM 28/88		(7(191), 8(212)88 Dehra Dun) 32/88
	Substitute	Dangerous wreck for depth 7.3 meters	17°29.8'N 83°00.8'E
		(Plan)	
	Relocate	Buoy (16°59'04"N 82°19'33"E) to	16°59'35"N 82°19'49"E
63290	6Ed. 5/18/85 LAST NM 32/88		(BA LL) 16/89
	Add	R Bn at light	17°40.5'N 83°17.6'E

★63291	8Ed. 4/28/84	NEW EDITION	(DMAHTC; 6(193)81 Dehra Dun) 26/84
	Add	Danger circle "Unexploded Ordnance" (PA)	17°35'47"N 83°25'23"E
63291	8Ed. 4/28/84 LAST NM 26/84		(12(292)84 Dehra Dun) 33/84
		(And Plan)	
	Add	"Work in progress (1984)" area bound by dashed line joining	17°40'58.4"N 83°18'07.3"E
			17°40'56.8"N 83°18'07.8"E
			17°41'02.5"N 83°18'21.2"E
			17°41'04.1"N 83°18'20.2"E
63291	8Ed. 4/28/84 LAST NM 33/84		(18(432)84 Tokyo) 4/85
		(Plan)	
	Delete	Buoy	17°41'22"N 83°18'17"E

63291	8Ed. 4/28/84 LAST NM 4/85		(26(1733)85 Taunton) 34/85
		(And Plan)	
	Delete	R Bn at light	17°40'35"N 83°17'32"E
63291	8Ed. 4/28/84 LAST NM 34/85		(13(333), 17(443)85 Dehra Dun) 51/85
	Delete	Legend "11m"	17°41'23"N 83°17'46"E
	Change	Lights to QG	17°41'14"N 83°17'05"E
		Oc G 3s	17°41'14"N 83°17'30"E
		(And Plan)	
	Delete	Light	17°41'53"N 83°18'08"E
	Add	Solid line between	17°40'57.8"N 83°17'45.1"E
			17°40'57.3"N 83°17'55.0"E
		Submarine cable between	17°40'57.3"N 83°17'55.0"E
			17°40'56.8"N 83°18'07.8"E
		(Plan)	
	Delete	Lights	17°41'54"N 83°18'06"E
			17°41'49"N 83°18'01"E
			17°41'49"N 83°17'59"E
			17°41'41"N 83°18'08"E
			17°41'14"N 83°17'29"E
			17°41'15"N 83°17'26"E
		Dashed lines between	17°41'19"N 83°17'50"E
			17°41'20"N 83°17'43"E
		between	17°41'15"N 83°17'51"E
			17°41'15"N 83°17'49"E
		Solid line between	17°41'21"N 83°16'43"E
			17°41'21"N 83°16'42"E
		Legend "Dredged to 11.5 meters"	17°41'19"N 83°17'45"E
	Relocate	Range lights, front close E to	17°41'21.1"N 83°17'27.2"E
		rear close E	17°41'22.0"N 83°17'24.0"E
		rear close E	17°41'21.0"N 83°16'42.5"E
	Change	Light to Oc WRG 3s 10m 6M and add sectors white 265°30'-099°30', red-237°30', green-265°30'	17°41'52"N 83°18'20"E
		Legend to "Dredged to 13 meters"	17°41'23"N 83°17'46"E
	Add	Dashed line between	17°41'21.4"N 83°17'40.2"E
			17°41'12.3"N 83°17'52.3"E
		Legend "Dredged to 11.5m" between	17°41'20.2"N 83°17'43.4"E
			17°41'16.0"N 83°17'46.8"E
		Legend "Trestle bridge" between	17°40'56.0"N 83°17'47.0"E
			17°40'56.0"N 83°17'54.0"E
		Lights Fl G 1.5s	17°41'53.8"N 83°18'05.3"E
		Oc G 3s	17°41'55.8"N 83°18'06.9"E
		QG	17°41'14.3"N 83°17'23.0"E
		Oc G 3s	17°41'13.9"N 83°17'28.8"E
		Range lights, front Fl R 1.5s	17°41'44.0"N 83°18'11.4"E
		rear Oc R 3s	17°41'42.0"N 83°18'08.1"E
		Range line extending in 054°30' direction from above rear light dashed for 0.24 mile, thence solid for 0.4 mile	
		Legend "Lights in line 234°30'" along above range line	17°42'00.0"N 83°18'33.0"E
63291	8Ed. 4/28/84 LAST NM 51/85		(8(204)87 Dehra Dun) 32/87
		(And Plan)	
	Add	Light Fl G	17°42'03.8"N 83°18'24.0"E

SUBREGION

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(Continued on next page)

63291	(Continued)		
	Add	Solid line (breakwater) joining	32/87 17°42'03.8"N 83°18'24.0"E 17°42'05.8"N 83°18'24.8"E 17°42'07.5"N 83°18'26.8"E 17°42'10.6"N 83°18'26.8"E
63291	8Ed. 4/28/84 LAST NM 32/87		
	Add	Wreck	(22(561)87 Dehra Dun) 5/88 17°43'42"N 83°29'30"E
63291	8Ed. 4/28/84 LAST NM 5/88		
		(And Plan)	(24(597)88 Dehra Dun) 17/88
	Delete	Light (See 32/87-63291)	17°42'04"N 83°18'24"E
63291	8Ed. 4/28/84 LAST NM 17/88		
		(Plan)	(9(241)88 Dehra Dun) 28/88
	Delete	Buoy	17°41.1'N 83°18.1'E
63291	8Ed. 4/28/84 LAST NM 28/88		
		(And Plan)	(BA LL) 16/89
	Add	R Bn at light	17°40'35"N 83°17'32"E

★**63300**	4Ed. 3/29/86	NEW EDITION	(DMAHTC) 22/86
63300	4Ed. 3/29/86 LAST NM 22/86		
	Delete	Light	(23(591)86 Dehra Dun) 12/87 18°20.7'N 84°07.6'E
	Add	Light Fl(3) 15s 35m 16M	18°20.5'N 84°07.5'E
63300	4Ed. 3/29/86 LAST NM 12/87		
	Add	Wreck	(22(561)87 Dehra Dun) 5/88 17°43.7'N 83°29.5'E
63300	4Ed. 3/29/86 LAST NM 5/88		
	Add	Wreck	(8(214)88 Dehra Dun) 28/88 17°54.1'N 84°00.9'E

★**63310**	5Ed. 9/17/83	NEW EDITION	(DMAHTC) 45/83
63310	5Ed. 9/17/83 LAST NM 45/83		
	Add	Dangerous wreck	(2(60T)84 Dehra Dun) 11/84 20°11.9'N 86°41.8'E
63310	5Ed. 9/17/83 LAST NM 11/84		
	Delete	Buoy	(16(420)85 Dehra Dun) 50/85 20°14.8'N 86°42.3'E
63310	5Ed. 9/17/83 LAST NM 50/85		
	Substitute	Depth 1461 meters for 51 meters	(HNNM7652/85) 2/86 19°24.7'N 86°27.9'E
63310	5Ed. 9/17/83 LAST NM 2/86		
	Delete	Dangerous wreck	(23(569)85 Dehra Dun) 8/86 20°11.9'N 86°41.8'E
	Add	Dangerous wreck (PA)	20°11.75'N 86°41.00'E
63310	5Ed. 9/17/83 LAST NM 8/86		
	Change	Light to Fl(3) 20s 24m 14M and delete obscured sector	(17(454)86 Dehra Dun) 47/86 19°47.8'N 85°49.8'E
63310	5Ed. 9/17/83 LAST NM 47/86		
	Relocate	Light close SW to and change height to 35m	(23(591)86 Dehra Dun) 12/87 18°20.5'N 84°07.5'E
63310	5Ed. 9/17/83 LAST NM 12/87		
	Add	Depths 70 meters "Rep (1987)"	(3(88)87 Dehra Dun) 17/89 19°53.5'N 86°41.2'E
		27 meters "Rep (1987)"	19°55.3'N 86°43.7'E
		21 meters "Rep (1987)"	19°57.4'N 86°46.7'E
		14 meters "Rep (1987)"	19°59.2'N 86°49.3'E
		18 meters "Rep (1987)"	20°00.7'N 86°52.2'E
		20 meters "Rep (1987)"	20°02.2'N 86°55.0'E
		80 meters "Rep (1987)"	20°03.7'N 86°57.5'E
63310	5Ed. 9/17/83 LAST NM 17/89		
	Add	Depth 11 meters Obstr	(5(126)89 Dehra Dun) 21/89 20°14.8'N 86°46.3'E

★**63320**	7Ed. 1/11/86	NEW EDITION	(DMAHTC) 13/86
	Delete	Dangerous wreck (Previously published 8/86)	20°11.9'N 86°41.8'E
	Add	Dangerous wreck (PA) (Previously published 8/86)	20°11.75'N 86°41.00'E

63320	7Ed. 1/11/86 LAST NM 13/86		
	Delete	Stranded wreck "Ra (conspic)"	(12(926)86 Taunton) 26/86 21°35.8′N 89°35.1′E
	Add	Dangerous wreck	21°35.0′N 89°35.1′E
63320	7Ed. 1/11/86 LAST NM 26/86		
	Delete	Stranded wreck (PA)	(8(219, 220)86 Dehra Dun) 32/86 21°02.7′N 88°20.5′E
	Relocate	Lightships "E Channel" close WSW to "Intermediate" close WNW "Lower Gasper" close S	 20°55.5′N 88°15.4′E 21°10.7′N 88°12.0′E 21°23.4′N 88°10.2′E
	Add	Stranded wreck	21°02.8′N 88°21.4′E
63320	7Ed. 1/11/86 LAST NM 32/86		
	Substitute	Depths 1.5 meters Wk for 3.5 meters Wk 6.4 meters Wk for 6.5 meters	(BA CH 123) 51/86 21°31.0′N 88°10.6′E 21°11.2′N 88°14.2′E
63320	7Ed. 1/11/86 LAST NM 51/86		
	Add	Buoy, red conical, Q	(2(60)87 Dehra Dun) 30/87 20°14.8′N 86°42.4′E
63320	7Ed. 1/11/86 LAST NM 30/87		
	Change	Designation of tidal current symbols "A" to "G" "G" to "A"	(BA CH 123) 33/87 20°56.9′N 88°34.8′E 20°36.8′N 87°31.5′E
	Add	Depth 6.4 meters Wk	21°40′00″N 88°00′13″E
63320	7Ed. 1/11/86 LAST NM 33/87		
	Delete	Anchorage symbol	(10(260; 11(277)87 Dehra Dun) 37/87 20°15.3′N 86°42.0′E
	Relocate	Lightship "Intermediate" (21°10.7′N 88°12.0′E) to	 21°10.8′N 88°13.2′E
	Add	Pilot station symbol	20°15′00″N 86°42′11″E
63320	7Ed. 1/11/86 LAST NM 37/87		
	Change	Designation of tidal current symbols "G" to "A" "A" to "G" (See 33/87-63320)	(BA CH 123) 44/87 20°56.9′N 88°34.8′E 20°36.8′N 87°31.5′E
63320	7Ed. 1/11/86 LAST NM 44/87		
	Change	Characteristic of light to Oc 5s 9m 7M	(BA CH 538; BA LL) 3/88 20°15.3′N 86°40.5′E
63320	7Ed. 1/11/86 LAST NM 3/88		
	Add	Racon to buoy Light Fl(3) 30s 40m 17M	(6(67)88 Hamburg; 8(215)88 Dehra Dun) 28/88 21°27.2′N 89°34.4′E 20°15.2′N 87°39.5′E
63320	7Ed. 1/11/86 LAST NM 28/88		
	Delete	Stranded wreck Light (See 28/88-63320)	(8(215), 12(333)88 Dehra Dun) 34/88 20°15.5′N 86°40.9′E 20°15.2′N 87°39.5′E
	Add	Light Fl(3) 30s 40m 17M	20°15.2′N 86°39.5′E
63320	7Ed. 1/11/86 LAST NM 34/88		
	Change	Buoy to "Mongla Fairway" RW, pillar, ball topmark, L Fl 10s	(37(2804)88 Taunton) 46/88 21°27.1′N 89°34.4′E
	Add	Buoy "B18" R, can, can topmark, Fl R 10s Racon	21°46.6′N 89°30.0′E
63320	7Ed. 1/11/86 LAST NM 46/88		
	Add	Dangerous wreck (PA)	(18(476)88 Dehra Dun) 53/88 20°56.3′N 88°35.6′E
63320	7Ed. 1/11/86 LAST NM 53/88		
	Relocate	Lightship "E Channel" close NE to	(2(154), 3(76)89 Dehra Dun) 19/89 20°55.7′N 88°16.0′E
	Substitute	Buoy for lightships "INT", red can, cone topmark, Fl(2) 20s "LG", red can, double ball topmark, Fl 10s	 21°10.8′N 88°13.2′E 21°23.5′N 88°10.3′E

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63320	7Ed. 1/11/86 LAST NM 19/89		(5(126, 128)89 Dehra Dun) 21/89
	Substitute	Lightship "Lower Gasper" Fl 10s 12M BELL for buoy "LG"	21°23.5'N 88°10.3'E
		(See 19/89-63320)	
	Add	Depth 11 meters Obstr	20°14.8'N 86°46.3'E
★**63321**	4Ed. 11/16/85	NEW EDITION (Previous edition canceled 48/75)	(DMAHTC) 2/86
63321	4Ed. 11/16/85 LAST NM 2/86	(And Continuation)	(22(548), 23(570)85 Dehra Dun) 8/86
	Relocate	Buoys "LWA" close SW to	21°41'46"N 87°59'34"E
		"Maragoalia" close E	21°43'50"N 88°01'44"E
63321	4Ed. 11/16/85 LAST NM 8/86	(And Continuation)	(22(548), 23(570)85 Dehra Dun) 14/86
	Relocate	Buoys "LWA" close SW to	21°41'46"N 87°59'34"E
		"Maragoalia" close E	21°42'50"N 88°01'44"E
		(Cancels 8/86-63321)	
63321	4Ed. 11/16/85 LAST NM 14/86		(11(287)85, 8(219, 220), 10(275)86 Dehra Dun) 32/86
	Relocate	Buoy close SW and change to BY, can	21°11'21"N 88°12'53"E
		Lightships "Eastern Channel" close WSW to	20°55'10"N 88°14'56"E
		"Intermediate" close WNW	21°11'35"N 88°11'41"E
		"Lower Gasper" close S	21°23'18"N 88°10'03"E
	Add	Stranded wreck	21°02'33"N 88°21'38"E
63321	4Ed. 11/16/85 LAST NM 32/86	(Cancel 32/86-63321)	(11(287)85, 8(219, 220), 10(275)86 Dehra Dun) 35/86
	Relocate	Buoy close SW to and change to BY, can	21°11'21"N 88°12'53"E
		Lightships "Eastern Channel" close WSW to	20°55'10"N 88°14'56"E
		"Intermediate" close WNW	21°11'35"N 88°11'41"E
		"Lower Gasper" close S	21°23'18"N 88°10'03"E
	Add	Stranded wreck	21°02'33"N 88°21'38"E
63321	4Ed. 11/16/85 LAST NM 35/86	(And Continuation)	(16(435)86 Dehra Dun) 52/86
	Delete	Buoy "AT"	21°47.5'N 87°58.0'E
	Relocate	Buoy "AS" close SE to and change color to red and white bands	21°45'15"N 87°58'34"E
	Add	Buoys, each red and white bands, can	
		"Auckland" Fl 3s	21°47'16"N 87°58'56"E
		"AT" Fl(3) 15s	21°46'17"N 87°58'23"E
		(Continuation)	
	Relocate	Buoy "CWA" close SE to and change color to red and white bands	21°48'58"N 87°59'26"E
63321	4Ed. 11/16/85 LAST NM 52/86	(And Continuation)	(22(570)86 Dehra Dun) 6/87
	Delete	Buoy "Auckland"	21°47'16"N 87°58'56"E
	Relocate	Lightfloat "Auckland" (21°47'06"N 87°58'04"E) to	21°47'36"N 87°59'49"E
63321	4Ed. 11/16/85 LAST NM 6/87	(And Continuation)	(24(622)86, 1(31)87 Dehra Dun) 11/87
	Delete	Buoy "Ransulpur"	21°46'06"N 87°55'10"E
	Add	Buoy "Auckland", red and white can, Fl(2) R 10s (See 6/87-63321)	21°47'18"N 87°58'48"E

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63321	(Continued)		11/87
		(Continuation)	
	Change	Characteristic of buoy "CWA" to Fl(2) 10s	21°48′58″N 87°59′26″E
		(See 52/86-63321)	
63321	4Ed. 11/16/85 LAST NM 11/87		(5(117)87 Dehra Dun) 22/87
		(Continuation)	
	Add	Buoy, "JT DII (tidal)" orange, white and black bands	21°47′45″N 87°57′59″E
63321	4Ed. 11/16/85 LAST NM 22/87		(BA CH 123) 33/87
		(And Continuation)	
	Add	Light Fl(2) 20s 30m 16M	21°47′26″N 87°51′48″E
63321	4Ed. 11/16/85 LAST NM 33/87		(10(261), 11(277)87 Dehra Dun) 37/87
	Relocate	Lightship "Intermediate" (21°11′35″N 88°11′41″E) to	21°10′55″N 88°11′40″E
		(Continuation)	
	Change	Buoy "Gangra Dumping" to G, conical, Fl G 3s	21°55′21″N 88°01′35″E
63321	4Ed. 11/16/85 LAST NM 37/87		(9(231)87 Dehra Dun) 40/87
		(Continuation)	
	Add	Buoys, each G, conical	
		"CBS" Fl 7s	21°49′44″N 88°01′03″E
		"LBS" Fl G 7s	21°51′59″N 88°02′27″E
		Buoy BY, conical	21°53′20″N 88°03′48″E
63321	4Ed. 11/16/85 LAST NM 40/87		(24(599)87, 2(74), 3(90)88 Dehra Dun) 17/88
		(And Continuation)	
	Change	Characteristic of buoys	
		"Middleton Fairway" to L Fl 10s	21°37.7′N 88°02.5′E
		"No V Middleton" to Fl G 3s	21°32.6′N 88°05.4′E
		(Continuation)	
	Change	Characteristic of buoys	
		"UEA" to Fl(3) 15s	21°50.6′N 88°00.2′E
		"Jellingham No 3" to Fl 7s	21°52.2′N 88°00.8′E
63321	4Ed. 11/16/85 LAST NM 17/88		(4(118, 119), 6(150)88 Dehra Dun) 25/88
	Change	Characteristic of buoy "G No 1" to Q(3) 10s	21°25.5′N 88°06.8′E
		(And Continuation)	
	Delete	Buoy "Middleton Dumping"	21°32.1′N 88°07.1′E
	Change	Characteristic of buoys	
		"No II Middleton" to Q(3) 10s	21°34.2′N 88°04.2′E
		"No IV Middleton" to VQ(3) 5s	21°33.0′N 88°04.8′E
63321	4Ed. 11/16/85 LAST NM 25/88		(9(243), 10(276)88 Dehra Dun) 32/88
		(And Continuation)	
	Delete	Buoys "AT"	21°46.3′N 87°58.4′E
		"Manoung"	21°46.0′N 88°02.2′E
	Change	Color of buoys, each to R	
		"AS"	21°45.3′N 87°58.5′E
		"Auckland"	21°47.3′N 87°58.7′E
		Buoys to "Maragoalia" G, conical, Q "3S" YBY, pillar, double cone topmark points together, IQ 6s	21°42.8′N 88°01.7′E 21°39.3′N 88°01.2′E
		(Continuation)	
	Change	Color of buoy "CWA" to R	21°48.9′N 87°59.4′E
63321	4Ed. 11/16/85 LAST NM 32/88		(24(1824)88 Taunton) 34/88
		(Continuation)	
	Add	Buoy "LMP" R, can, Fl(2) 10s	21°55′32″N 88°06′20″E
63321	4Ed. 11/16/85 LAST NM 34/88		(18(476-478)88 Dehra Dun) 53/88
	Add	Dangerous wreck (PA)	20°56′45″N 88°34′42″E
		(And Continuation)	
	Change	Buoy "No. III Middleton" to red can, Fl(2) R 10s	21°33′51″N 88°04′24″E

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63321	(Continued)		53/88
		(Continuation)	
	Relocate	Buoy "LMP" close S to and change to red and white pillar, Fl(2) 10s (See 34/88-63321)	21°55'12"N 88°06'20"E
63321	4Ed. 11/16/85 LAST NM 53/88		(MCNM8073/88) 18/89
	Delete	Buoys "Western Channel Station"	20°56.2'N 88°02.6'E
		"LSS"	21°10.7'N 88°16.4'E
		"Reef Station"	21°11.8'N 87°57.4'E
		"M"	21°19.9'N 87°54.3'E
		"LG Station"	21°23.4'N 88°11.8'E
		"LMG"	21°23.2'N 88°07.4'E
		"L"	21°24.2'N 87°53.0'E
		"USS"	21°27.9'N 88°10.3'E
		"H"	21°28.7'N 87°54.5'E
		"K"	21°31.0'N 87°52.7'E
		(And Continuation)	
	Delete	Buoys "O"	21°33.0'N 88°07.4'E
		"Eden Station"	21°34.6'N 87°54.4'E
		"Sola Passage"	21°41.7'N 87°52.6'E
		Light	21°47.9'N 88°12.3'E
		(Continuation)	
	Delete	Lights	21°50.6'N 88°09.1'E
			21°53.1'N 88°09.8'E
			22°01.4'N 88°02.9'E
		Range lights, range lines, and legends	
		"Lights in line 340°30'" between	22°01.5'N 88°03.1'E
			21°59.0'N 88°04.1'E
		"Lights in line 017°53'" between	22°01.5'N 88°03.3'E
			21°54.3'N 88°00.8'E
	Change	Buoys, each to G, conical	
		"CBS" Fl 7s	21°51'59"N 88°02'27"E
		"LBS" Fl G 7s	21°49'44"N 88°01'03"E
	Add	Legend "RANGAFALA CROSSING"	
		between	21°54'12"N 88°03'54"E
			21°56'50"N 88°06'54"E
		Buoys, each G, conical	
		"U BS"	21°52'54"N 88°04'20"E
		"BS"	21°54'15"N 88°05'30"E
		Buoys, each R, can	
		"UMP" Fl 3s	21°56'12"N 88°07'58"E
		"LST" Fl(2) 10s	21°56'48"N 88°08'24"E
		"CST" IQ	21°57'42"N 88°08'37"E
		"UST" Fl(3) R 10s	21°58'44"N 88°10'09"E
		"LR" Fl(2) 10s	22°00'09"N 88°11'26"E
		Buoy "WBS" R, can	21°54'58"N 88°05'03"E
63321	4Ed. 11/16/85 LAST NM 18/89		(2(54), 3(75, 76), 4(104)89 Dehra Dun) 19/89
	Relocate	Lightship "Eastern Channel" close NE to	20°55'37"N 88°15'22"E
	Substitute	Buoy for lightships	
		"INT", red can, cone topmark, Fl(2) 20s	21°10'55"N 88°11'40"E
		"LG", red can, double ball topmark, Fl 10s	21°23'18"N 88°10'05"E
		"UG", red can, ball topmark, Fl(3) 30s	21°30'06"N 88°06'22"E
	Add	Buoy "U INT", red can, Fl(3) 15s	21°17'35"N 88°11'05"E
		(And Continuation)	
	Add	Buoy "Middleton Dumping" G, conical, Fl G 7s (See 25/88-63321)	21°32'02"N 88°07'06"E

63321	4Ed. 11/16/85 LAST NM 19/89		(5(127, 128)89 Dehra Dun) 21/89
	Relocate	Buoy "Eastern Channel Station" close ESE to	20°55'35"N 88°17'02"E
	Substitute	Lightship "Lower Gasper" Fl 10s 12M BELL for buoy "LG"	21°23'18"N 88°10'05"E
		(See 19/89-63321)	
63321	4Ed. 11/16/85 LAST NM 21/89		(13(360)88 Dehra Dun) 23/89
		(And Continuation)	
	Relocate	Buoy "AD" close S to	21°43'22"N 87°58'48"E
		(Continuation)	
	Relocate	Buoy "Lady Craddock" close NE to and change color to G	21°57'54"N 88°02'21"E
	Add	Buoy "JF", red can, Fl(2) R 10s	21°53'38"N 88°00'19"E
63321	4Ed. 11/16/85 LAST NM 23/89		(6(148)89 Dehra Dun) 24/89
		(Continuation)	
	Delete	Buoy "LBS"	21°49'44"N 88°01'03"E
		(See 18/89-63321)	
★63322	1Ed. 11/16/85	NEW CHART	(DMAHTC) 2/86
63322	1Ed. 11/16/85 LAST NM 2/86		(21(525)85 Dehra Dun) 3/86
	Relocate	Buoy "UEH" close ENE to and change to green and white bands, conical, Fl 7s	22°01'57"N 88°06'44"E
63322	1Ed. 11/16/85 LAST NM 3/86		(9(243)88 Dehra Dun) 28/88
	Delete	Buoys "UWB"	22°05.0'N 88°11.7'E
		"CWB"	22°03.7'N 88°10.0'E
		"UEB"	22°03.7'N 88°10.9'E
		"JD"	22°03.2'N 88°08.8'E
		"CEB"	22°03.3'N 88°09.7'E
		"LMB"	22°03.0'N 88°08.9'E
63322	1Ed. 11/16/85 LAST NM 28/88		(16(427)88 Dehra Dun) 46/88
	Change	Buoy "UK" to G, conical, Fl 7s	22°05'25"N 88°12'46"E
63322	1Ed. 11/16/85 LAST NM 46/88		(7(586, 587), 8(630)89 Taunton) 18/89
	Delete	Lights	22°10.2'N 88°12.0'E
			22°04.8'N 88°10.2'E
			22°02.9'N 88°07.2'E
			22°01.5'N 88°02.9'E
		Range lights, range lines, and legends	
		"Lights in line 017°53'" between	22°01.6'N 88°03.3'E
			21°59.7'N 88°02.6'E
		"Lights in line 340°30'" between	22°01.6'N 88°03.2'E
			21°59.8'N 88°03.8'E
	Add	Legend	
		"CHANNEL CLOSED" between	22°02'18"N 88°07'50"E
			22°03'28"N 88°09'45"E
		Caution No. 3 to cautions note in upper left margin of chart. "3. Navigation at night is not permitted between Kukrahati Reach and Mayapur Bar. All lights have been discontinued along the Hugli River between Hospital Point Mark light and Mayapur Bar. Lights have been removed from all the buoys between Hugli Point and Mayapur Bar."	
		Buoys, each R, can	
		"LR" Fl(2) 10s	22°00'10"N 88°11'16"E
		"CR" Fl(2) R 10s	22°01'50"N 88°12'18"E
	Add	(And Continuation) Legends "CAUTION NO 3"	22°11'46"N 88°08'00"E
			22°13'15"N 88°03'30"E

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63322	(Continued)		
		(Continuation)	
	Add	Legend "CAUTION NO 3"	22°25'00"N 88°08'30"E
		(Plan)	
	Delete	Range lights, range lines, and legends "Lights in line 017°53'" between	22°01'36"N 88°03'17"E 22°00'46"N 88°03'00"E
		"Lights in line 340°30'" between	22°01'36"N 88°03'10"E 22°00'20"N 88°03'39"E
63322	1Ed. 11/16/85 LAST NM 18/89		(37(2779)88 Taunton) 23/89
	Delete	Buoy "UR"	22°03.9'N 88°12.8'E
	Add	Buoy "UR", red can, Fl(2) 10s	22°03'36"N 88°12'42"E
★63323	1Ed. 11/16/85	NEW CHART	(DMAHTC) 2/86
63323	1Ed. 11/16/85 LAST NM 2/86		(7(586)89 Taunton) 18/89
	Add	Caution No 3 to cautions note "3. Navigation at night is not permitted between Kukrahati Reach and Mayapur Bar. All lights have been discontinued along the Hugli River between Hospital Point Mark light and Mayapur Bar. Lights have been removed from all the buoys between Hugli Point and Mayapur Bar."	22°25'12"N 88°12'04"E
		Legend "CAUTION NO 3"	22°25'30"N 88°08'18"E
★63324	1Ed. 7/5/86	NEW CHART	(DMAHTC; 23(569)85 Dehra Dun) 39/86
	Add	Legend "PA" to dangerous wreck	20°11'48"N 86°41'00"E
63324	1Ed. 7/5/86 LAST NM 39/86		(2(60)87 Dehra Dun) 30/87
	Add	Buoy, red conical, Q	20°14'47"N 86°42'24"E
63324	1Ed. 7/5/86 LAST NM 30/87		(10(260)87 Dehra Dun) 37/87
	Delete	Anchorage symbol	20°15.3'N 86°41.8'E
	Add	"General Anchorage" area bound by dashed-line circle, radius 0.5 mile, centered	20°13'51"N 86°42'26"E
		"Tankers Anchorage" area bound by dashed-line circle, radius 0.3 mile, centered	20°13'26"N 86°43'25"E
		Pilot station symbol	20°14'54"N 86°42'11"E
63324	1Ed. 7/5/86 LAST NM 37/87		(BA CH 538; BA LL) 3/88
	Add	Buoy, red, Oc 2s	20°14'53"N 86°42'13"E
		(And Plan)	
	Change	Light to Oc 5s 9m 7M	20°15'20"N 86°40'31"E
63324	1Ed. 7/5/86 LAST NM 3/88		(BA CH 538) 17/88
		(And Plan)	
	Change	Light to Fl(3) 7½s 8m 7M	20°15'49"N 86°40'47"E
63324	1Ed. 7/5/86 LAST NM 17/88		(8(215)88 Dehra Dun) 28/88
	Add	Light Fl(3) 30s 40m 17M	20°15'21"N 86°39'22"E
63324	1Ed. 7/5/86 LAST NM 28/88		(28(2126)88 Taunton) 37/89
		(And Plan)	
	Delete	Stranded wrecks	20°15'35"N 86°40'45"E 20°15'34"N 86°40'48"E
63324	1Ed. 7/5/86 LAST NM 37/88		(5(126)89 Dehra Dun) 21/89
	Add	Depth 11 meters Obstr	20°14'49"N 86°46'20"E
★63330	8Ed. 1/31/87	NEW EDITION	(DMAHTC) 18/87

63330	8Ed. 1/31/87 LAST	NM 18/87	(31(2349)87 Taunton) 43/87
	Add	Dangerous wreck marked close N by buoy, G, conical, Fl(2) 6s	22°14.4′N 91°40.4′E
		Danger circle "Obstr"	22°11.3′N 91°46.6′E
		Stranded wreck	22°14.7′N 91°46.6′E
63330	8Ed. 1/31/87 LAST	NM 43/87	(BA CH 732) 47/87
	Substitute	Position circle "R Sta" for R Bn	21°48.5′N 89°27.8′E
63330	8Ed. 1/31/87 LAST	NM 47/87	(47(3562, 3563)87 Taunton) 3/88
	Delete	Buoy	21°05.3′N 90°58.0′E
	Change	Characteristic of lights to Fl 10s	22°10.6′N 91°49.3′E
		Fl R 10s	22°13.6′N 91°48.2′E
63330	8Ed. 1/31/87 LAST	NM 3/88	(9(67)88 Hamburg; 8(217)88 Dehra Dun) 28/88
	Delete	Buoys "B-1"	21°29.8′N 89°32.0′E
		"B-2"	21°29.3′N 89°31.2′E
	Change	Period of buoy to 15s	21°24.0′N 91°38.3′E
	Add	Buoys "1" G, conical, cone topmark Fl(3) G 12s	21°29.6′N 89°32.3′E
		"2" R, can, can topmark, Fl(3) R 12s	21°28.4′N 89°31.6′E
		Racon to buoy	21°27.1′N 89°34.4′E
63330	8Ed. 1/31/87 LAST	NM 28/88	(18(1397, 1398)88 Taunton) 31/88
	Relocate	R Bn (AERO) close SE to	22°15.1′N 91°49.4′E
	Add	Dangerous wreck	22°17.0′N 91°43.4′E
63330	8Ed. 1/31/87 LAST	NM 31/88	(24(1825)88 Taunton) 34/88
	Delete	Dangerous wreck (PA)	22°16.0′N 91°42.0′E
63330	8Ed. 1/31/87 LAST	NM 34/88	(26(1982)88 Taunton) 37/88
	Add	Dangerous wreck (PA)	22°15.5′N 91°44.4′E
63330	8Ed. 1/31/87 LAST	NM 37/88	(37(2804)88 Taunton) 46/88
	Delete	Buoy "Z-1"	21°43.1′N 89°29.7′E
	Change	Buoy to "Mongla Fairway" RW, pillar, ball topmark, L Fl 10s Racon	21°27.1′N 89°34.5′E
	Add	Buoy "B18" R, can, can topmark, Fl R 10s Racon	21°46.6′N 89°30.0′E
63330	8Ed. 1/31/87 LAST	NM 46/88	(48(3581)88 Taunton) 4/89
	Add	Stranded wreck (PA)	21°39.0′N 90°54.5′E
63330	8Ed. 1/31/87 LAST	NM 4/89	(3(255)89 Taunton) 14/89
	Add	Dangerous wreck (Masts) (PA)	21°59.0′N 91°22.0′E
*63331	8Ed. 12/24/88	NEW EDITION	(DMAHTC) 15/89
*63337	13Ed. 5/17/86	NEW EDITION	(DMAHTC) 31/86
63337	13Ed. 5/17/86 LAST	NM 31/86	(BA CH 84) 51/86
		(Plans A&B)	
	Delete	Buoy (Fl R 8s)	22°13′16″N 91°47′53″E
	Change	Buoy to black and white checkers, conical, Fl 5s	22°12′47″N 91°47′37″E
	Add	Buoy, red and white checkers, can, Fl(2) 10s	22°15′00″N 91°45′02″E
		Double dashed line with land tint (breakwater extension) 40 meters wide between	22°12′37″N 91°47′45″E 22°12′34″N 91°47′42″E
		Depths 3.1 meters	22°12′57″N 91°47′07″E
		2.7 meters	22°13′34″N 91°46′53″E
		0.3 meter	22°14′32″N 91°46′21″E

(Continued on next page)

63337 (Continued)

51/86

(Plan A)

Delete	Dashed line arc (port limit) between	22°18′46″N 91°46′01″E 22°08′20″N 91°49′42″E
	Legend "ANCHORAGE PROHIBITED"	22°10′36″N 91°45′24″E
	Purple composite lines between	22°09′36″N 91°48′12″E 22°08′06″N 91°48′30″E
	between	22°09′08″N 91°44′38″E 22°10′18″N 91°45′39″E
	between	22°09′36″N 91°44′02″E 22°10′44″N 91°45′03″E
	between	22°14′12″N 91°43′46″E 22°14′12″N 91°42′12″E
	Dashed line between	22°12′38″N 91°42′15″E 22°12′38″N 91°43′50″E
Relocate	Buoys "SES" close SE to "AUTHORITY" close NW	22°14′05″N 91°33′50″E 22°13′20″N 91°37′11″E
	Legends "Anchorage A See Note Caution No 2" close E to	22°13′18″N 91°45′00″E
	"Anchorage B See Note Caution No 2" close NE	22°12′00″N 91°45′06″E
	"Anchorage C See Note Caution No 2" close N	22°10′54″N 91°47′12″E
	"Anchorage Prohibited" close SE	22°15′18″N 91°45′00″E
Change	Buoyage note to "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region A. For further explanation, see annual NM 1(6) and Chart No. 1."	22°00′36″N 91°31′36″E
Add	Dashed line between	22°15′42″N 91°46′33″E 22°15′42″N 91°44′20″E
	Dashed line arc of a circle radius 3.97 miles (port limit), centered arc between	22°13′38″N 91°42′59″E 22°15′42″N 91°44′20″E 22°09′50″N 91°49′14″E
	Legend "ANCH PROHIB" between	22°10′39″N 91°45′26″E 22°11′27″N 91°46′12″E

(Plan B)

Delete	Dashed line arc (port limit) between	22°18′48″N 91°46′03″E 22°17′25″N 91°43′45″E
	Purple composite lines between	22°09′39″N 91°48′11″E 22°09′36″N 91°48′12″E
	between	22°10′18″N 91°45′40″E 22°09′36″N 91°45′04″E
	between	22°10′45″N 91°45′04″E 22°09′36″N 91°44′04″E
	between	22°14′12″N 91°43′45″E 22°14′12″N 91°43′48″E
	Dashed line between	22°12′37″N 91°43′45″E 22°12′37″N 91°43′52″E

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63337	(Continued)		51/86
	Change	Buoys to	
		red can, Fl(2) R 5s	22°15'37"N 91°50'09"E
		red and white checkers, can, Fl(2) R 15s	22°15'20"N 91°50'03"E
		black and white checkers, conical, Fl 5s	22°13'26"N 91°48'16"E
		red and white bands, can, Fl G 5s	22°14'32"N 91°49'40"E
		green, can, Fl(2) G 6s	22°14'15"N 91°49'10"E
		Legend to "Lights in line 025°30'-205°30'"	22°14'58"N 91°49'58"E
	Add	Depths 0.9 meter	22°14'16"N 91°46'19"E
		0.9 meter	22°14'44"N 91°46'17"E
		4.4 meters	22°14'10"N 91°49'04"E
		4.9 meters	22°14'15"N 91°49'13"E
		3.0 meters	22°12'52"N 91°47'39"E
		Dashed line (port limit) between	22°15'41"N 91°44'22"E 22°15'41"N 91°46'31"E
		Dashed line arc of a circle, radius 3.97 miles (port limit), centered	22°13'37"N 91°48'01"E
		arc between	22°15'41"N 91°44'22"E 22°13'50"N 91°43'45"E
		arc between	22°13'22"N 91°43'45"E 22°09'49"N 91°49'15"E
63337	13Ed. 5/17/86 LAST	NM 51/86 (Plan B)	(5(360)87 Taunton) 16/87
	Add	Dashed line (overhead power cable) "(52m)" between	22°18'10.9"N 91°47'49.1"E 22°18'03.0"N 91°48'16.9"E
63337	13Ed. 5/17/86 LAST	NM 16/87	(17(421)87 Dehra Dun) 50/87
	Add	Dangerous wreck marked close N by buoy, green conical, Fl(2) 6s	22°14'24"N 91°40'10"E
		(And Plan)	
	Add	Danger circle "Obstr"	22°11'18"N 91°46'34"E
63337	13Ed. 5/17/86 LAST	NM 50/87 (Plans A & B)	(47(3563)87 Taunton) 3/88
	Change	Characteristic of lights to Fl 10s	22°10'42"N 91°49'07"E
		Fl R 10s	22°13'37"N 91°48'01"E
63337	13Ed. 5/17/86 LAST	NM 3/88 (Plan A)	(BA CH 84) 5/88
	Delete	Dashed-line arc of a circle, radius 3.97 miles (port limit), centered	22°13'38"N 91°42'59"E
		arc between	22°15'42"N 91°44'20"E 22°09'50"N 91°49'14"E
		(See 51/86-63337)	
	Add	Dashed-line arc of a circle, radius 3.97 miles (port limit), centered	22°13'38"N 91°47'59"E
		arc between	22°15'42"N 91°44'20"E 22°09'50"N 91°49'14"E
63337	13Ed. 5/17/86 LAST	NM 5/88 (Plan B)	(12(956)88 Taunton) 25/88
	Delete	Stranded wreck	22°18'08"N 91°47'49"E
		Depth 0.5 meter Wk	22°18'05"N 91°47'48"E
63337	13Ed. 5/17/86 LAST	NM 25/88 (Plans A & B)	(8(218)88 Dehra Dun) 28/88
	Delete	Legend "(occas)"	22°15'15"N 91°49'35"E
	Substitute	Depth 9 meters for 9.5 meters	22°11'02"N 91°45'39"E
	Add	Depth 8.5 meters	22°10'27"N 91°45'38"E
		(Plan B)	
	Delete	Depths 10 meters	22°10'27"N 91°45'39"E
		4.5 meters	22°12'59"N 91°47'04"E
		3.5 meters	22°13'34"N 91°46'49"E
		4.0 meters	22°13'15"N 91°47'01"E

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63337	(Continued)		28/88
	Add	Depths 4.7 meters	22°13'59"N 91°48'45"E
		3.1 meters	22°13'34"N 91°46'46"E
		4.6 meters	22°13'52"N 91°48'35"E
		4.0 meters	22°12'50"N 91°47'13"E
		3.1 meters	22°13'16"N 91°47'02"E
63337	13Ed. 5/17/86 LAST NM 28/88		(18(1397, 1398)88 Taunton) 31/88
		(Plan A)	
	Add	Dangerous wreck	22°16'59"N 91°43'14"E
		(Plans A & B)	
	Relocate	R Bn (AERO) close SE to	22°15'05"N 91°49'13"E
	Substitute	Position circle with legend "Old Lighthouse" for light	22°10'42"N 91°49'07"E
	Add	Light Fl 10s 12m 12M	22°10'47"N 91°49'14"E
63337	13Ed. 5/17/86 LAST NM 31/88		(24(1825)88 Taunton) 34/88
		(Plan A)	
	Delete	Dangerous wreck (PA)	22°16.0'N 91°42.0'E
		(Plans A & B)	
	Delete	Stranded wreck (PA)	22°13.3'N 91°47.9'E
63337	13Ed. 5/17/86 LAST NM 34/88		(26(1982)88 Taunton; BA LL) 37/88
		(Plans A & B)	
	Add	Dangerous wreck (PA)	22°15'37"N 91°44'17"E
		(Plan B)	
	Delete	Range lights (2) and range line between	22°14'05"N 91°49'33"E
			22°14'30"N 91°49'45"E
	Change	Legend to "Lights in line 024°43'"	22°15'00"N 91°49'57"E
63337	13Ed. 5/17/86 LAST NM 37/88		(1(71)89 Taunton) 12/89
		(Plans A & B)	
	Add	Stranded wreck (PA)	22°15'30"N 91°45'39"E
			22°14'24"N 91°46'21"E
63337	13Ed. 5/17/86 LAST NM 12/89		(BA CH 84) 14/89
		(Plan B)	
	Add	Depth 3 meters	22°19'17.5"N 91°49'17.0"E
		1.8 meters	22°17'10.4"N 91°47'49.0"E
		4.3 meters	22°16'47.9"N 91°47'57.9"E
		2.7 meters	22°16'41.5"N 91°48'09.5"E
		4 meters	22°14'31.0"N 91°49'34.2"E
		4 meters	22°14'46.7"N 91°49'55.6"E
		9.4 meters	22°11'54.3"N 91°45'57.3"E
		7.6 meters	22°10'29.0"N 91°48'09.4"E

★63340	1Ed. 9/21/85	NEW CHART	(DMAHTC; BA RA) 49/85
	Delete	R Bn (AERO)	20°07.5'N 92°53.2'E
	Add	Legend "Racon" to light	20°37.7'N 92°19.9'E
63340	1Ed. 9/21/85 LAST NM 49/85		(BA RA) 16/86
	Delete	R Bn (AERO)	20°08'N 92°53'E
63340	1Ed. 9/21/85 LAST NM 16/86		(15(1111)86 Taunton) 27/86
	Delete	Light	20°05.2'N 93°54.0'E
63340	1Ed. 9/21/85 LAST NM 27/86		(15(1111)86 Taunton) 34/86
	Delete	Light	20°05.2'N 92°54.0'E
		(Cancels 27/86-63340)	
63340	1Ed. 9/21/85 LAST NM 34/86		(41(3060)88 Taunton) 52/88
	Add	R Bn (AERO)	20°07.8'N 92°53.1'E

★63341	4Ed. 5/28/83	NEW EDITION	(DMAHTC; 14(946)83 Taunton) 30/83
	Change	Light to Fl(2) 15s 37m 17M	20°38.0'N 92°19.4'E

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			30/83
★63341	(Continued) Add	Note "TO THE NAVIGATOR Operational Datum Adjustment To position INDIAN coordinates on this chart; Add 04.31 seconds to latitude, Subtract 06.46 seconds from longitude."	21°11.0'N 92°36.8'E
★63341	4Ed. 5/28/83 LAST Change	NM 30/83 DMA Stock No. to 63BCO63341 in lower left margin of chart Note: Applicable to certain copies of this chart only	(DMAHTC) 32/84
63341	4Ed. 5/28/83 LAST Delete	NM 32/84 R Bn (AERO)	(BA RA) 33/84 21°27.1'N 91°58.0'E
63341	4Ed. 5/28/83 LAST Change	NM 33/84 Lights to Fl 15s 54m 24M R Bn Racon Fl(2) 30s 39m 20M Racon	(BA LL) 34/84 21°26.0'N 91°58.3'E 20°38.0'N 92°19.4'E
63341	4Ed. 5/28/83 LAST Add	NM 34/84 Depth 75 meters	(Ind CH 320) 38/85 20°12.4'N 92°11.2'E
★63350	1Ed. 9/27/86 Change	NEW CHART Legends "63411" to "63412" "63412" to "63411"	(DMAHTC) 52/86 18°17.2'N 94°39.6'E 18°16.5'N 94°38.8'E
★63351	4Ed. 6/23/84	NEW EDITION	(DMAHTC) 41/84
63351	4Ed. 6/23/84 LAST Delete	NM 41/84 R Bn	(10(689)85 Taunton) 18/85 19°26.1'N 93°32.0'E
63351	4Ed. 6/23/84 LAST Delete	NM 18/85 R Bn (AERO)	(BA RA) 16/86 20°07.7'N 92°53.2'E
63351	4Ed. 6/23/84 LAST Substitute	NM 16/86 Position circle (accurate) with legend "ABAND LT HO" for light Note: Range line unchanged	(15(1111)86 Taunton) 27/86 20°05.1'N 92°54.0'E
63351	4Ed. 6/23/84 LAST Add	NM 27/86 R Bn (AERO)	(41(3060)88 Taunton) 52/88 20°07'45"N 92°53'07"W
★63352	5Ed. 4/14/84	NEW EDITION	(DMAHTC) 22/84
63352	5Ed. 4/14/84 LAST Add	NM 22/84 (And Plan) Dangerous wreck marked close SW by buoy, black spherical	(10(688)85 Taunton) 22/85 20°09'04.5"N 92°54'46.2"E
	Delete	(Plan) Stranded wrecks	20°09'22"N 92°54'32"E 20°09'24"N 92°54'40"E
63352	5Ed. 4/14/84 LAST Delete	NM 22/85 (And Plan) Depth 2.2 meters	(18(1203)85 Taunton) 29/85 20°05'41"N 92°54'12"E
	Add	Depths 4.5 meters 5.5 meters 6.7 meters 6.7 meters	20°07'56.1"N 92°55'53.9"E 20°06'10.0"N 92°54'02.2"E 20°05'39.0"N 92°54'11.9"E 20°03'03.0"N 92°54'23.0"E
63352	5Ed. 4/14/84 LAST Delete	NM 29/85 (And Plan) Depth 22 meters (See 29/85-63352)	(18(1203)85 Taunton) 34/85 20°05'41"N 92°54'12"E
63352	5Ed. 4/14/84 LAST Delete	NM 34/85 R Bn (AERO)	(BA RA) 16/86 20°07'49"N 92°53'05"E
63352	5Ed. 4/14/84 LAST Delete	NM 16/86 (And Plan) Buoy	(Ind CH 3019) 18/86 20°08'18"N 92°55'55"E

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63352	(Continued)		18/86
	Change	Buoys, each to black can, (unlighted)	20°06'52"N 92°55'15"E
		Q	20°06'21"N 92°54'05"E
	Add	Buoy, black can	20°07'08"N 92°55'53"E
		Depth 0.9 meter	20°06'20"N 92°53'39"E
63352	5Ed. 4/14/84 LAST NM 18/86		(15(1111)86 Taunton) 27/86
		(And Plan)	
	Substitute	Position circle (accurate) with legend "ABAND LT HO" for light	20°05'10"N 92°54'02"E
		Note: Range line unchanged	
63352	5Ed. 4/14/84 LAST NM 27/86		(41(3060)88 Taunton) 52/88
		(And Plan)	
	Add	R Bn (AERO)	20°07'49"N 92°53'05"E

★63353	3Ed. 1/19/80	NEW EDITION	(DMAHTC) 10/80
63353	3Ed. 1/19/80 LAST NM 10/80		(Ind CH 3020) 33/84
		(And Plan)	
	Substitute	Depth 12 fathoms for 16 fathoms	19°27'21"N 93°30'46"E
63353	3Ed. 1/19/80 LAST NM 33/84		(BA 11) 35/85
	Change	Period of light to 5s	18°55.8'N 93°27.2'E

★63354	3Ed. 12/3/83	NEW EDITION	(DMAHTC) 15/84
63354	3Ed. 12/3/83 LAST NM 15/84		(Ind CH 322) 35/85
	Add	Depth 10 meters	18°54.85'N 93°25.45'E
		Buoy, black can	18°52.10'N 93°46.85'E
63354	3Ed. 12/3/83 LAST NM 35/85		(Ind CH 324) 36/85
	Add	Depth 5.7 meters	18°21.1'N 93°56.9'E
63354	3Ed. 12/3/83 LAST NM 36/85		(BA CH 3771) 20/87
	Change	Legend to "Less water rep (1952)"	18°20.4'N 94°20.3'E
	Add	Depth 18.5 meters	18°20.2'N 94°01.5'E

★63361	2Ed. 2/18/84	NEW EDITION	(DMAHTC) 16/84
63361	2Ed. 2/18/84 LAST NM 16/84		(Ind CH 324) 36/85
	Add	Depth 5.7 meters	18°21.0'N 93°57.0'E
63361	2Ed. 2/18/84 LAST NM 36/85		(BA CH 3771) 20/87
	Change	Legend to "Less water rep (1952)"	18°20.4'N 94°20.3'E
	Add	Depths 18.5 meters	18°20.2'N 94°01.5'E
		18.5 meters	16°52.1'N 94°17.8'E

★63370	1Ed. 8/15/87	NEW CHART	(DMAHTC) 44/87
63370	1Ed. 8/15/87 LAST NM 44/87		(3(78)89 Dehra Dun) 19/89
	Add	Light Fl 10s 4m 7M	12°02.9'N 92°58.5'E

★63380	1Ed. 9/12/87	NEW CHART	(DMAHTC) 15/88
63380	1Ed. 9/12/87 LAST NM 15/88		(14(390)L 18(479)88 Dehra Dun) 1/89
	Add	Depths 59 meters "Rep (1988)"	11°42.4'N 93°32.0'E
		240 meters "Rep (1988)"	10°24.0'N 92°12.1'E
		88 meters "Rep (1988)"	10°23.9'N 92°13.6'E
		70 meters "Rep (1988)"	10°23.6'N 92°13.4'E
		72 meters "Rep (1988)"	10°22.4'N 92°12.8'E
		110 meters "Rep (1988)"	10°21.9'N 92°13.6'E
63380	1Ed. 9/12/87 LAST NM 1/89		(24(623)88 Dehra Dun) 11/89
	Add	Stranded wreck	11°35.6'N 92°12.7'E
			11°31.6'N 92°13.0'E
63380	1Ed. 9/12/87 LAST NM 11/89		(3(78)89 Dehra Dun) 19/89
	Add	Light Fl 10s 4m 7M	12°02.7'N 92°58.2'E

★63383	4Ed. 8/30/86	NEW EDITION	(DMAHTC) 44/86

63383	4Ed. 8/30/86 LAST NM 44/86 (Plan)		(16(436)86 Dehra Dun) 45/86
	Relocate	Buoy close N to and change characteristic to Fl R 5s	11°40'56.0"N 92°44'54.2"E
63383	4Ed. 8/30/86 LAST NM 45/86 (Plan)		(18(453)87 Dehra Dun) 51/87
	Delete	Range line and legend "Beacons in line 313°15'" between	11°41'41"N 92°44'19"E 11°39'18"N 92°46'51"E
	Add	Legend "(Ruins)" to beacon	11°40'28"N 92°45'37"E
★63390	1Ed. 5/23/87	NEW CHART	(DMAHTC) 33/87
63390	1Ed. 5/23/87 LAST NM 33/87		(18(457)87 Dehra Dun) 51/87
	Substitute	Dangerous wreck for stranded wreck	8°27.7'N 93°38.2'E
★63410	6Ed. 10/10/87	NEW EDITION	(DMAHTC) 1/88
	Delete	Ra Ref from light float (Previously published 51/87)	16°22.1'N 96°20.5'E
★63411	3Ed. 5/3/86	NEW EDITION	(DMAHTC) 27/86
63411	3Ed. 5/3/86 LAST NM 27/86		(BA CH 3771) 20/87
	Add	Depth 18.5 meters	16°52.1'N 94°17.8'E
★63412	3Ed. 4/28/84	NEW EDITION	(DMAHTC) 26/84
63412	3Ed. 4/28/84 LAST NM 26/84		(26(1690)84 Taunton) 35/84
	Delete	Depth 5.5 meters "Rep (1972)"	15°42.60'N 94°10.62'E
63412	3Ed. 4/28/84 LAST NM 35/84		(Ind CH 325) 22/85
	Add	Depth 9 meters	15°49.30'N 94°14.89'E
63412	3Ed. 4/28/84 LAST NM 22/85 (Continuation)		(Ind CH 3023) 14/86
	Add	Drying height 0.6 meter	16°24'32"N 94°41'54"E
★63413	4Ed. 11/30/85	NEW EDITION (Cancels 7/86-63413)	(DMAHTC) 12/86
63413	4Ed. 11/30/85 LAST NM 12/86		(Ind CH 4019) 52/86
	Delete	Buoy	16°22.2'N 96°23.3'E
	Add	Designation "LH" to buoy	16°44'03"N 96°13'10"E
	Add	(Plan) Danger circle, blue tint and legend "Obstr" to depth 5.8 meters	16°45'44"N 96°12'13"E
63413	4Ed. 11/30/85 LAST NM 52/86		(18(459)87 Dehra Dun) 51/87
	Delete	Ra Ref from lightfloat "Upper"	16°21.9'N 96°20.5'E
	Relocate	Buoy "DS" close NW to	16°38'23"N 96°15'32"E
	Substitute	Dashed range line for solid range lines between	16°38'24"N 96°15'39"E 16°39'04"N 96°15'50"E
		between	16°39'09"N 96°15'31"E 16°38'36"N 96°16'04"E
63415	Ed. 7/67 LAST NM 17/73		(46(2270)75 Taunton) N1/76
	Delete	Aero Ro Bn (PA)	16°26.6'N 97°39.6'E
63415	Ed. 7/67 LAST NM 1/76		(9/80 Rangoon) N29/80
	Change	Light to Gp Fl (2) 10sec 135ft 19M	16°03'48"N 97°33'18"E
★63417	1Ed. 8/3/85	NEW CHART	(DMAHTC; BA RA; BA CH 833) 42/85
	Delete	RDF from pilot vessel	16°08.7'N 96°15.9'E

(Continued on next page)

★63417	(Continued)		
	Add	Legend "Reported in 1887 to have shoaled considerably" between	42/85 16°15.7'N 96°34.6'E 16°15.7'N 96°41.9'E
63417	1Ed. 8/3/85 LAST NM 42/85		
	Delete	Depth 1.2 meters	(Ind CH 4019) 52/86 16°24.4'N 96°22.3'E
	Add	Depths 0.3 meter	16°24'24"N 96°22'04"E
		1.8 meters	16°24'25"N 96°22'30"E
		1.2 meters	16°24'56"N 96°22'03"E
63417	1Ed. 8/3/85 LAST NM 52/86		
	Substitute	Buoy "Lower", black can, Fl 7s for lightfloat	(17(425)87 Dehra Dun) 50/87 16°16.2'N 96°18.5'E
63417	1Ed. 8/3/85 LAST NM 50/87		
	Delete	Ra Ref from lightfloat "Upper" and add legend "FLOAT"	(18(459)87 Dehra Dun) 51/87 16°22.0'N 96°20.5'E
★63420	2Ed. 10/10/87	NEW EDITION	(DMAHTC) 1/88
63420	2Ed. 10/10/87 LAST NM 1/88		
	Delete	Ra Ref from lightfloat "Upper"	(18(459)87 Dehra Dun) 2/88 16°21.9'N 96°20.5'E
63422	1Ed. 1/54 LAST NM 1A/71		
	Change	Period of light to 10sec	(36(1952)80 Taunton) 43/80 13°04'39"N 98°20'13"E
63422	1Ed. 1/54 LAST NM 43/80		
	Delete	Legend "CONTINUED ON 63421"	(DMAHTC) 36/85 13°26'54"N 98°18'42"E
63422	1Ed. 1/54 LAST NM 36/85		
	Change	Legend to "CONTINUED ON 63433"	(DMAHTC) 12/87 12°46'N 98°25'E
★63424	1Ed. 4/18/87	NEW CHART (Plan B)	(DMAHTC) 31/87
	Add	Tidal box from back of Section I	16°28'26"N 97°35'12"E
★63430	3Ed. 9/26/87	NEW EDITION	(DMAHTC; 26(1936)87 Taunton) 1/88
	Substitute	Depths 8.7 meters for 11.9 meters	12°36.5'N 98°28.4'E
		10.3 meters for 12.3 meters	12°34.5'N 98°30.0'E
	Add	Depths 13.9 meters	12°44.5'N 98°22.2'E
		45 meters	12°49.2'N 98°19.7'E
		44 meters	12°48.7'N 98°20.2'E
★63433	1Ed. 1/24/87	NEW CHART	(DMAHTC) 12/87
63433	1Ed. 1/24/87 LAST NM 12/87		
	Delete	Depths 18.3 meters	(26(1936)87 Taunton) 41/87 12°44.7'N 98°22.5'E
		11.9 meters	12°36.5'N 98°28.4'E
		12.3 meters	12°34.5'N 98°29.8'E
	Add	Depths 13.9 meters	12°44'40"N 98°22'22"E
		8.7 meters	12°36'35"N 98°28'22"E
		10.3 meters	12°34'30"N 98°29'50"E
★63440	4Ed. 9/12/87	NEW EDITION	(DMAHTC; 2/87 Rangoon) 47/87
	Change	Light to Fl 5s 16m 13M	9°58.2'N 98°30.0'E

*71000	21Ed. 11/16/85	NEW EDITION	(DMAHTC) 5/86
	Add	Danger circle "Obstr" (Previously published 52/85)	3°06.1'N 100°36.1'E
71000	21Ed. 11/16/85 LAST NM 5/86		(35(364)85 Jakarta; HNNM7678/85) 8/86
	Delete	Light	1°11.0'N 103°53.0'E
71000	21Ed. 11/16/85 LAST NM 8/86		(BA CH 1353) 9/86
	Add	Depth 16 fathoms	3°27.2'N 100°32.2'E
71000	21Ed. 11/16/85 LAST NM 9/86		(44/85 Malaysia) 10/86
	Add	Dangerous wreck (PA)	6°13.7'N 100°00.5'E
71000	21Ed. 11/16/85 LAST NM 10/86		(46(484P)85 Jakarta; 51(2410)85 Taunton) 11/86
	Add	Light Fl 17M	1°58.2'N 97°23.2'E
71000	21Ed. 11/16/85 LAST NM 11/86		(Indo CH 10) 14/86
	Add	Dangerous wreck	3°45.9'N 99°05.0'E
71000	21Ed. 11/16/85 LAST NM 14/86		(52(550)86 Jakarta) 16/86
	Relocate	Light close S. to	1°57.9'N 97°23.0'E
71000	21Ed. 11/16/85 LAST NM 16/86		(2(15)86 Jakarta) 17/86
	Add	Light Fl	5°16.3'N 95°12.5'E
71000	21Ed. 11/16/85 LAST NM 17/86		(9(115)86 Jakarta) 18/86
	Add	Dangerous wreck	3°36.5'N 100°32.8'E
71000	21Ed. 11/16/85 LAST NM 18/86		(15(187, 188)86 Jakarta) 30/86
	Change	Lights to Fl R	3°14.8'N 99°34.9'E 3°03.0'N 99°52.9'E
71000	21Ed. 11/16/85 LAST NM 30/86		(22(276)86 Jakarta) 36/86
	Substitute	Wreck for dangerous wreck	3°40.8'N 99°49.8'E
71000	21Ed. 11/16/85 LAST NM 36/86		(35(2526)86 Taunton) 42/86
	Add	Light Fl	3°30.6'N 99°13.0'E
71000	21Ed. 11/16/85 LAST NM 42/86		(37(2688)86 Taunton) 44/86
	Add	Depths 20 fathoms	4°22.0'N 99°55.4'E
		20 fathoms	5°16.2'N 99°35.6'E
71000	21Ed. 11/16/85 LAST NM 44/86		(41(2991)86 Taunton) 49/86
	Add	Depth 18 fathoms (PA)	3°45.0'N 95°59.5'E
71000	21Ed. 11/16/85 LAST NM 49/86		(44(3215)86 Taunton) 6/87
	Add	Dangerous wreck (PA)	5°04.0'N 100°12.0'E
71000	21Ed. 11/16/85 LAST NM 6/87		(MCNM7895/87) 8/87
	Add	Depths 301 fathoms (PA)	6°35.0'N 96°05.0'E
		328 fathoms (PA)	6°35.0'N 96°18.0'E
71000	21Ed. 11/16/85 LAST NM 8/87		(2(137)87 Taunton) 13/87
	Add	Light (AERO) Oc 2s 122m	4°43.5'N 97°50.1'E
71000	21Ed. 11/16/85 LAST NM 13/87		(15/87 Malaysia) 23/87
	Add	Light Fl Racon	1°15.5'N 103°30.6'E
71000	21Ed. 11/16/85 LAST NM 23/87		(43(3257)87 Taunton) 51/87
	Add	Depth 7 fathoms "Rep (1987)"	5°43.1'N 95°20.9'E
71000	21Ed. 11/16/85 LAST NM 51/87		(Indo CH 101; 22(276)86 Jakarta) 1/88
	Substitute	Depth 8.5 fathoms "Rep (1966)" for 10 fathoms	4°00.0'N 99°26.2'E
	Add	Wreck	3°59.6'N 99°51.0'E
71000	21Ed. 11/16/85 LAST NM 1/88		(19(1453)88 Taunton) 31/88
	Add	Light Fl(3) 20M	4°25.3'N 98°16.7'E
71000	21Ed. 11/16/85 LAST NM 31/88		(47(373)88 Jakarta) 10/89
	Add	R Bn	5°54.0'N 95°19.5'E
71000	21Ed. 11/16/85 LAST NM 10/89		(BA LL) 22/89
	Delete	Light	2°14.0'N 97°46.2'E
	Change	Light to Fl	2°03.0'N 102°20.4'E

71000	21Ed. 11/16/85 LAST NM 22/89		(39(2927)88, 12(969), 13(1037)89 Taunton) 24/89
	Add	Light Fl(3) 41M	5°30.3'N 95°52.5'E
		Fl(2) 14M	1°42.1'N 97°26.8'E
★**71006**	4Ed. 12/31/83	NEW EDITION	(DMAHTC; Indo LL) 12/84
	Delete	Omega note "All users...propagation paths." centered	4°00'N 97°32'E
	Change	Light to Fl 5s 95ft 16M	5°54.0'N 95°19.5'E
71006	4Ed. 12/31/83 LAST NM 12/84		(6(176T)84 Tokyo) 13/84
	Add	Depth 9 fathoms	5°54.0'N 94°58.0'E
71006	4Ed. 12/31/83 LAST NM 13/84		(7(425)84 Taunton) 14/84
	Add	Depth 13 fathoms "Rep (1983)"	5°34.2'N 95°08.2'E
71006	4Ed. 12/31/83 LAST NM 14/84		(Indo CH 6) 18/84
	Add	"Explosives Dumping Ground" bound by purple dashed line joining	5°56.8'N 95°05.6'E 5°57.1'N 95°04.9'E 5°58.1'N 95°07.6'E
71006	4Ed. 12/31/83 LAST NM 18/84		(BA CH 2777) 20/84
	Add	Depth 24 fathoms Dangerous wreck	5°28.3'N 97°46.9'E 5°10.0'N 97°37.8'E
71006	4Ed. 12/31/83 LAST NM 20/84		(NVS7270/84) 25/84
	Add	Depth 28 fathoms "Rep (1984)" (PA)	6°03.8'N 94°49.8'E
71006	4Ed. 12/31/83 LAST NM 25/84		(19(634)84 Tokyo) 28/84
	Delete	Depth 9 fathoms	5°54.0'N 94°58.0'E
71006	4Ed. 12/31/83 LAST NM 28/84		(51(3377)84 Taunton) 7/85
	Add	Light Fl(3) 20s 633ft 40M	6°04.5'N 95°06.8'E
71006	4Ed. 12/31/83 LAST NM 7/85		(48(502), 49(512)85 Jakarta) 11/86
	Add	Lights Fl(3) G 10s 38ft 8M Fl 3s 33ft 7M	5°27.1'N 95°14.2'E 5°23.3'N 95°58.4'E
71006	4Ed. 12/31/83 LAST NM 11/86		(1(64)86 Taunton) 13/86
	Relocate	Light close NE to	5°35.7'S 95°19.1'E
71006	4Ed. 12/31/83 LAST NM 13/86		(50(519)85 Jakarta) 16/86
	Add	Light Fl 3s 66ft	4°57.0'N 97°46.2'E
71006	4Ed. 12/31/83 LAST NM 16/86		(2(15)86 Jakarta) 17/86
	Add	Light Fl 3s 33ft 11M	5°16.8'N 95°11.9'E
71006	4Ed. 12/31/83 LAST NM 17/86		(1(64)86 Taunton) 23/86
	Relocate	Light close NE to (Cancels 13/86-71006)	5°35.7'N 95°19.1'E
71006	4Ed. 12/31/83 LAST NM 23/86		(14(1036)86 Taunton) 27/86
	Add	Light Fl Y 3s 29ft 6M	5°49.8'N 95°20.4'E
71006	4Ed. 12/31/83 LAST NM 27/86		(20(257)86 Jakarta) 31/86
	Change	Light to Fl G 3s 52ft 6M	2°30.3'N 96°24.1'E
71006	4Ed. 12/31/83 LAST NM 31/86		(41(2991)86 Taunton) 49/86
	Add	Depth 18 fathoms (PA)	3°45.0'N 95°59.5'E
71006	4Ed. 12/31/83 LAST NM 49/86		(BA LL) 16/87
	Change	Light to Fl 3s 131ft 12M (See 31/86-71006)	2°30.3'N 96°24.1'E
71006	4Ed. 12/31/83 LAST NM 16/87		(43(3257)87 Taunton) 51/87
	Add	Depth 7 fathoms "Rep (1987)"	5°43.9'N 95°20.2'E
71006	4Ed. 12/31/83 LAST NM 51/87		(47(373)88 Jakarta) 10/89
	Add	R Bn	5°54.0'N 95°19.1'E
71006	4Ed. 12/31/83 LAST NM 10/89		(BA LL) 22/89
	Delete	Light	2°13.5'N 97°46.1'E
71006	4Ed. 12/31/83 LAST NM 22/89		(39(2927)88, 12(969)89 Taunton) 24/89
	Add	Light Fl(3) 20s 197ft 41M	5°30.2'N 95°53.0'E
★**71009**	3Ed. 8/10/85	NEW EDITION	(DMAHTC) 45/85

71009	3Ed. 8/10/85 LAST NM 45/85 Add	Light Fl 5s 134ft 17M	(46(484P)85 Jakarta; 51(3410)85 Taunton) 11/86 1°59.1′N 97°23.0′E
71009	3Ed. 8/10/85 LAST NM 11/86 Relocate	Light close S to (See 11/86-71009)	(52(550)85 Jakarta) 16/86 1°58.7′N 97°23.0′E
71009	3Ed. 8/10/85 LAST NM 16/86 Change	Light to Fl 5s 21ft 16M	(2(20)86 Jakarta) 17/86 0°51.6′N 98°56.5′E
71009	3Ed. 8/10/85 LAST NM 17/86 Change	Light to Fl 4s 23ft 6M	(BA LL) 19/86 0°03.6′S 98°16.6′E
71009	3Ed. 8/10/85 LAST NM 19/86 Change	Light to Fl 5s 651ft 19M	(21(267)86 Jakarta) 36/86 0°32.6′N 97°49.0′E
71009	3Ed. 8/10/85 LAST NM 36/86 Add	Depth 2¾ fathoms	(30(2268)87 Taunton) 41/87 0°10.5′S 99°29.9′E
71009	3Ed. 8/10/85 LAST NM 41/87 Change	Period of light to 20s	(6(43)88 Jakarta) 13/88 0°38.8′S 98°30.5′E
71009	3Ed. 8/10/85 LAST NM 13/88 Change	Light to Fl(3) 20s 391ft 29M	(BA LL) 31/88 0°38.2′S 98°30.4′E
71009	3Ed. 8/10/85 LAST NM 31/88 Delete	Light	(BA LL) 22/89 2°13.4′N 97°46.0′E
71009	3Ed. 8/10/85 LAST NM 22/89 Add	Lights Fl(2) 180ft 14M Fl(3) 15s 49ft	(13(1037, 1038)89 Taunton) 24/89 1°42.3′N 97°26.1′E 0°55.6′S 100°14.9′E
★71012	3Ed. 5/19/84	NEW EDITION	(DMAHTC; BA LL; BA CH 2964; 38(2050)80 Taunton) 30/84 1°02.2′S 100°22.8′E
	Delete	R Bn (AERO)	
	Change	Light to Fl R 5s 20ft 7M	1°00.2′S 100°22.5′E
	Add	Lights Fl G 5s 34ft 8M Fl 5s 164ft 10M	1°00.5′S 100°23.0′E 2°46.5′S 100°13.5′E
71012	3Ed. 5/19/84 LAST NM 30/84 Add	Light Fl 5s 82ft 12M	(11(846)85 Taunton) 21/85 2°32.8′S 101°05.0′E
71012	3Ed. 5/19/84 LAST NM 21/85 Add	Light Fl 7s 147ft 15M	(BA CH 2964) 52/85 1°35.9′S 99°12.2′E
71012	3Ed. 5/19/84 LAST NM 52/85 Relocate	Light close N to	(2(17, 18)86 Jakarta) 17/86 0°59.3′S 100°20.0′E
	Change	Light to Fl(3) WR 11s 56ft 10/6M	3°49.8′S 100°17.3′E
71012	3Ed 5/19/84 LAST NM 17/86 Change	Light to Fl(3) WR 11s 56ft 10/6M (See 17/86-71012)	(2(18)86 Jakarta) 25/86 3°49.8′S 102°17.3′E
71012	3Ed. 5/19/84 LAST NM 25/86 Add	Lights Fl 5s 381ft 10M Fl 3s 56ft 10M Fl 4s 56ft 12M	(32(253)87 Jakarta) 45/87 1°09.0′S 100°19.8′E 1°02.8′S 100°15.2′E 1°02.2′S 100°10.1′E
71012	3Ed. 5/19/84 LAST NM 45/87 Delete	Light	(BA LL) 22/89 3°46.3′S 102°16.3′E
71012	3Ed. 5/19/84 LAST NM 22/89 Add	Lights Fl(3) 15s 49ft Fl(3) 20s 144ft 18M	(13(1038)89 Taunton) 24/89 0°55.6′S 100°14.8′E 1°36.2′S 100°32.8′E
★71015	3Ed. 9/21/85 Change	NEW EDITION Height of light to 62ft	(DMAHTC; BA LL) 2/86 3°46.3′S 102°15.7′E
71015	3Ed. 9/21/85 LAST NM 2/86 Change	Height of lights to 105ft 131ft 36ft	(1(6), 2(18)86 Jakarta) 17/86 5°55.9′S 104°43.8′E 5°43.5′S 104°38.2′E 5°35.3′S 104°33.5′E
		Light to Fl(3) WR 11s 56m 10/6M	3°49.5′S 102°17.2′E

71015	3Ed. 9/21/85 LAST NM 17/86		(19(244)86 Jakarta) 31/86
	Change	Light to Fl 3s 59ft 12M	4°48.5'S 103°20.8'E
71015	3Ed. 9/21/85 LAST NM 31/86		(5(361)87 Taunton) 12/87
	Add	Depth 16 fathoms	4°11.1'S 102°20.2'E
71015	3Ed. 9/21/85 LAST NM 12/87		(4(38)89 Jakarta) 14/89
	Add	Light Fl(4) 20s 131ft 20M	5°21.0'S 102°17.4'E
71015	3Ed. 9/21/85 LAST NM 14/89		(BA LL; 11(900)89 Taunton) 22/89
	Delete	Light	3°46.4'S 102°15.8'E
	Add	Depth 12 fathoms	5°33.4'S 102°13.4'E
★**71018**	8Ed. 9/21/85	NEW EDITION	(DMAHTC; 15(143, 145)85 Jakarta) 49/85
	Add	Wreck	6°04.0'S 108°39.0'E
		Light Q 10M with legend "Pipe"	6°10.3'S 108°06.9'E
71018	8Ed. 9/21/85 LAST NM 49/85		(31(324)85 Jakarta) 3/86
	Add	Light Fl(2) 10s 202ft 21M	5°49.4'S 105°23.7'E
71018	8Ed. 9/21/85 LAST NM 3/86		(1(6)86 Jakarta) 17/86
	Change	Height of lights to 105ft 131ft	5°55.6'S 104°43.6'E 5°43.6'S 104°38.2'E
71018	8Ed. 9/21/85 LAST NM 17/86		(30(358)86 Jakarta) 37/86
	Delete	Platform	5°31.0'S 106°11.9'E
71018	8Ed. 9/21/85 LAST NM 37/86		(45(520), 47(541)86 Jakarta) 7/87
	Substitute	Dangerous wreck for wreck (PA)	5°50.6'S 106°37.3'E
	Add	Light Fl 5s 149ft 22M	5°09.0'S 106°06.6'E
71018	8Ed. 9/21/85 LAST NM 7/87		(51(3770)86 Taunton) 10/87
	Delete	R Bn at light	5°57.5'S 106°50.8'E
71018	8Ed. 9/21/85 LAST NM 10/87		(Indo CH 79) 14/87
	Delete	Dangerous submerged rock	5°56.0'S 106°51.1'E
	Add	Position circles "Post"	5°46.1'S 107°02.1'E
			5°47.2'S 107°02.2'E
			5°47.2'S 107°01.4'E
71018	8Ed. 9/21/85 LAST NM 14/87		(Indo CH 68, 78) 19/87
	Delete	Exercise area centered	5°32.5'S 107°45.0'E
	Add	Position circles "Pipe" Q 10M	6°01.8'S 107°57.5'E
			6°03.0'S 107°44.0'E
		Wreck "Rep (1979)"	6°01.4'S 105°42.4'E
71018	8Ed. 9/21/85 LAST NM 19/87		(MCNM7875/87) 20/87
	Delete	Purple dashed lines between	5°12.2'S 106°09.0'E
			5°05.0'S 106°10.5'E
		between	5°05.0'S 106°20.3'E
			5°10.0'S 106°25.0'E
		joining	5°06.0'S 106°10.0'E
			5°12.2'S 106°09.0'E
			5°15.0'S 106°09.0'E
		joining	5°05.0'S 106°30.0'E
			5°22.0'S 106°30.0'E
			5°22.0'S 106°35.0'E
			5°05.0'S 106°35.0'E
		Legends	
		"CAUTION NO 2"	5°08.0'S 106°07.0'E
		"(numerous platforms and pipelines)"	5°57.0'S 107°49.5'E
		Prohibited areas centered	5°55.5'S 107°20.6'E
			5°49.1'S 107°28.8'E
			6°08.1'S 108°03.0'E

(continued on next page)

71018	(Continued)		20/87
	Delete	Dashed line joining	6°08.1'S 107°27.6'E
			5°49.8'S 107°27.6'E
			5°49.8'S 107°57.2'E
			5°54.0'S 107°57.2'E
			6°09.0'S 108°13.6'E
			6°07.8'S 107°57.5'E
			6°10.8'S 107°57.5'E
			6°10.8'S 107°34.0'E
	Substitute	Purple composite lines for purple dashed lines joining	
			5°06.0'S 106°10.0'E
			5°06.0'S 106°04.0'E
			5°15.0'S 106°04.0'E
			5°15.0'S 106°09.0'E
			5°36.8'S 106°09.0'E
			5°36.8'S 106°14.0'E
			5°32.5'S 106°14.0'E
			5°32.5'S 106°18.0'E
			5°26.0'S 106°27.5'E
			5°10.0'S 106°25.0'E
		joining	5°56.0'S 107°00.3'E
			5°56.0'S 106°59.0'E
			5°45.0'S 106°59.0'E
			5°45.0'S 108°13.8'E
			6°17.0'S 108°46.0'E
			6°30.0'S 108°46.0'E
			6°30.0'S 108°32.0'E
		joining	5°06.8'S 106°30.0'E
			5°10.0'S 106°26.0'E
			5°05.0'S 106°22.4'E
	Change	Lines 5-6 of cautions note to "area. Positions are approximate."	8°08.0'S 104°50.0'E
		Legend to "ARDJUNA OIL FIELD"	5°50.5'S 107°41.0'E
	Add	Purple composite lines between	5°10.0'S 106°25.0'E
			5°05.0'S 106°22.3'E
		joining	5°06.8'S 106°30.0'E
			5°35.0'S 106°30.0'E
			5°35.0'S 106°40.0'E
			5°05.0'S 106°40.0'E
		between	5°05.0'S 106°10.1'E
			5°06.0'S 106°10.0'E
		Legend "RESTRICTED AREA"	5°46.0'S 107°45.0'E
		Dashed-line circle with blue tint "Discol water"	5°45.3'S 106°59.5'E
71018	8Ed. 9/21/85 LAST NM 20/87		(25(1863)87 Taunton) 40/87
	Add	Superbuoys TANKER	5°45.8'S 107°04.1'E
			5°45.1'S 107°04.8'E
			5°44.6'S 107°05.5'E
71018	8Ed. 9/21/85 LAST NM 40/87		(33(930)87 Tokyo; 41(2997)87 Taunton) 48/87
	Add	Depth 10¾ fathoms "Rep (1987)"	5°50.0'S 106°16.2'E
		Danger circle "Obstr"	5°15.8'S 106°29.0'E
71018	8Ed. 9/21/85 LAST NM 48/87		(42(343)87 Jakarta) 50/87
	Add	Superbuoy TANKER "SBM5"	5°51.7'S 107°44.7'E
71018	8Ed. 9/21/85 LAST NM 50/87		(48(395)87 Jakarta) 11/88
	Delete	Danger circle "Obstr"	5°21.8'S 106°09.4'E
		Dangerous wreck "Rep (1966)"	5°49.3'S 106°48.8'E
71018	8Ed. 9/21/85 LAST NM 11/88		(32(2463)88 Taunton) 41/88
	Add	Depth 9 fathoms 2 feet	5°26.0'S 105°58.8'E
71018	8Ed. 9/21/85 LAST NM 41/88		(BA LL) 4/89
	Change	Light to Fl(2) R 8s 39ft 10M	5°54.3'S 107°00.5'E

★71024	10Ed. 4/26/86	NEW EDITION	(DMAHTC) 27/86
	Delete	Dangerous wreck (PA)	1°13.5'N 104°43.2'E
		(Previously published 23/86)	
71024	10Ed. 4/26/86 LAST	NM 27/86	(14/83 Malaysia) 29/86
	Substitute	Submarine pipeline for	
		submarine cable between	4°51.9'N 104°50.1'E
			4°24.6'N 105°11.6'E
71024	10Ed. 4/26/86 LAST	NM 29/86	(20(554), 52(587)86 Jakarta) 14/87
	Add	"KG-Field" area bound by	
		purple composite line joining	4°58.5'N 106°00.8'E
			5°01.3'N 106°00.8'E
			5°01.3'N 106°05.0'E
			4°58.5'N 106°05.0'E
		Purple composite line joining	4°56.1'N 106°00.0'E
			4°55.0'N 106°02.3'E
			4°52.4'N 106°00.6'E
			4°52.6'N 106°00.0'E
		Legend "KF-Field"	4°54.0'N 106°04.0'E
		Platforms	4°59.9'N 106°01.7'E
			4°59.8'N 106°02.6'E
			5°00.1 N 106°03.5'E
			4°59.4'N 106°03.0'E
			4°53.7'N 106°00.3'E
			4°54.5'N 106°00.9'E
		Position circle "Storage Barge"	4°00.2'N 106°22.3'E
		"Restricted Area" bound by	
		purple composite line joining	4°00.4'N 106°25.0'E
			4°02.3'N 106°25.0'E
			4°02.3'N 106°22.0'E
			4°00.9'N 106°20.5'E
			3°59.1'N 106°20.5'E
			3°58.1'N 106°22.6'E
71024	10Ed. 4/26/86 LAST	NM 14/87	(10(773)87 Taunton) 20/87
	Add	Buoy, can, with legend	
		"Target (9 buoys)"	2°23.4'N 104°31.9'E
71024	10Ed. 4/26/86 LAST	NM 20/87	(11/87 Malaysia; 12(934)87 Taunton) 23/87
	Change	Lights to Fl G 10s 10M	4°38.4'N 103°26.8'E
		Fl 5s 10M	4°20.0'N 103°29.0'E
		Fl 8s 10M	4°25.3'N 103°27.3'E
	Add	Dangerous wreck (PA)	1°11.6'N 104°53.3'E
71024	10Ed. 4/26/86 LAST	NM 23/87	(BA CH 3543) 27/87
	Add	R Bn (AERO) (PA)	3°22.3'N 103°25.0'E
71024	10Ed. 4/26/86 LAST	NM 27/87	(33/87 Malaysia) 37/87
	Add	Buoy RW, pillar, ball topmark,	
		L Fl 10s	3°55.6'N 103°29.3'E
71024	10Ed. 4/26/86 LAST	NM 37/87	(18(138)87 Jakarta; 38(1077)87 Tokyo) 49/87
	Delete	Buoy	3°47.0'N 103°21.5'E
		Legend "(PA)" from dangerous wreck	1°11.6'N 104°53.3'E
		(See 23/87-71024)	
71024	10Ed. 4/26/86 LAST	NM 49/87	(9(730)89 Taunton) 20/89
	Delete	Depths 3¼ fathoms	4°12.4'N 103°29.5'E
		3¼ fathoms	4°13.0'N 103°29.5'E
	Add	Depths 2¼ fathoms	4°13.3'N 103°29.1'E
		2 fathoms	4°12.5'N 103°29.2'E
		Buoy RW, pillar, ball topmark,	
		L Fl 10s	4°11.5'N 103°32.0'E
71024	10Ed. 4/26/86 LAST	NM 20/89	(BA LL) 22/89
	Change	Visibility (range) of light to 12M	4°14.1'N 103°27.5'E

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★71027	7Ed. 5/21/83	NEW EDITION	(DMAHTC; NVS6962, 6983/83; BA CH 2107) 31/83
	Add	Wreck (PA) (Previously published 23/83)	1°39'N 107°36'E
	Delete	Depth 29 fathoms (Previously published 29/83)	2°40.0'N 106°03.6'E
	Add	Depth 4 fathoms 5 feet (PA) (Previously published 29/83)	2°39.5'N 106°05.9'E
	Delete	Legend "Temporary (Feb 1981)" from light	3°16.2'N 113°04.3'E
		Wrecks	3°19.0'N 112°55.0'E 3°51.5'N 112°56.0'E
	Change	Light legend of buoy to Q(6) + L Fl 15s	3°36.0'N 112°39.0'E
	Add	Light Fl(3) WRG 25M	3°58.0'N 103°26.0'E
		Purple circle (Racon) to buoy "Fairway"	3°16.0'N 112°59.0'E
71027	7Ed. 5/21/83 LAST NM 31/83		(28(1826, 1828)83 Taunton) 37/83
	Add	Danger circle "Obstr" Depth 21 fathoms "Rep (1983)"	1°29.6'N 104°38.0'E 3°13.9'N 108°40.9'E
71027	7Ed. 5/21/83 LAST NM 37/83		(8(17)83 Sarawak) 42/83
	Add	Depth 8 fathoms 5 feet "Rep (1983)"	3°49.6'N 112°32.6'E
71027	7Ed. 5/21/83 LAST NM 42/83		(9(20)83 Sarawak) 43/83
	Add	Depth 14 fathoms "Rep (1983)"	3°51.4'N 112°30.5'E
71027	7Ed. 5/21/83 LAST NM 43/83		(10T/83 Malaysia) 44/83
	Add	Light Fl 12M	4°34.0'N 103°28.0'E
71027	7Ed. 5/21/83 LAST NM 44/83		(24, 57/83 Malaysia) 47/83
	Add	Caution No. 3 to cautions note in upper left margin of chart "3. Numerous structures usually carrying lights, other unlit objects and submerged obstructions sometimes marked by buoys, exist in the oilfield areas enclosed by dashed lines. As these features are not all charted, special caution should be exercised by vessels navigating in the vicinity."	
		Dashed line joining	5°53.0'N 103°15.0'E 4°21.0'N 105°01.0'E 5°06.0'N 105°29.0'E 5°40.0'N 105°48.0'E 7°39.5'N 103°15.0'E
		Legend "OIL FIELD (See Caution No. 3)"	6°05.0'N 104°05.0'E
		Platforms "Semangkok A" "Semangkok B" "Sotong Collector" "Bekok C"	5°45.9'N 104°15.9'E 5°44.4'N 104°16.2'E 4°51.9'N 104°50.1'E 5°24.6'N 105°11.6'E
		Submarine pipeline between	4°51.9'N 104°50.1'E 5°24.6'N 105°11.6'E
71027	7Ed. 5/21/83 LAST NM 47/83		(67/83 Malaysia) 49/83
	Add	Light Fl 15M	4°31.3'N 103°28.0'E
71027	7Ed. 5/21/83 LAST NM 49/83		(BA CH 1311) 8/84
	Delete	Position circle "Moored Storage Barge"	4°01.8'N 106°27.8'E
	Substitute	Position circle "Moored Storage Barge" for stranded wreck	4°02.0'N 106°29.1'E
71027	7Ed. 5/21/83 LAST NM 8/84		(4(221)84 Taunton) 10/84
	Change	Light to Iso WR 12/9M (See 44/83-71027)	4°34.0'N 103°28.0'E

71027	7Ed. 5/21/83 LAST NM 10/84			
	Add	Dangerous wreck (PA)		(7/84 Malaysia) 14/84 4°46.0′N 103°41.0′E
71027	7Ed. 5/21/83 LAST NM 14/84			
	Change	Visibility (range) of light to 18M		(BA CH 1311) 19/84 2°04.0′N 109°06.2′E
	Add	Legends "Rep (1982)" to depth 4 fathoms 5 feet (PA)		
		"Rep (1950)" to depth 6 fathoms 3 feet		2°39.5′N 106°05.9′E
				2°47.5′N 106°11.0′E
		Depth 25 fathoms "Rep"		3°25.5′N 107°03.9′E
71027	7Ed. 5/21/83 LAST NM 19/84			
	Delete	Platforms		(NVS7248/84; BA CH 2414) 23/84 4°09.5′N 106°13.0′E 4°01.8′N 106°25.5′E 4°29.0′N 106°26.5′E 4°21.3′N 106°40.5′E 4°58.9′N 106°55.0′E
71027	7Ed. 5/21/83 LAST NM 23/84			
	Add	Wreck		(19(167)84 Jakarta) 35/84 1°27.0′N 105°43.0′E
71027	7Ed. 5/21/83 LAST NM 35/84			
	Add	Racon to platforms		(35(2293)84 Taunton) 42/84 5°06.0′N 114°27.5′E 5°13.8′N 114°44.4′E
71027	7Ed. 5/21/83 LAST NM 42/84			
	Add	Legends "Samarang Oil Field"		(38(2442)84 Taunton) 44/84
		"See Caution No. 3"		5°42′N 114°43′E 5°34′N 114°44′E
71027	7Ed. 5/21/83 LAST NM 44/84			
	Substitute	Racon for R Bn at light		(BA RA) 49/84 1°20.0′N 104°25.0′E
71027	7Ed. 5/21/83 LAST NM 49/84			
	Delete	Buoy "Beting Tugau"		(NVS7365/84; 43(2818), 44(2887)84 Taunton) 50/84 3°53.1′N 112°16.0′E
	Change	Legend "Fl" at platform to "Fl(4) 15M"		5°13.8′N 114°44.3′E
	Add	Depth 8 fathoms 5 feet		
		Legend "Fl(3) 15M" to platform		3°13.6′N 112°23.4′E 5°06.0′N 114°27.5′E
71027	7Ed. 5/21/83 LAST NM 50/84			
	Delete	Light		(43(379)84, 1(65), 2(147)85 Taunton) 9/85 2°04.7′N 109°38.7′E
	Add	Depth 9 fathoms 3 feet "Rep (1984)"		
		Platform "KTMP-A" with light Fl(2) 15s		6°06.3′N 115°35.9′E
71027	7Ed. 5/21/83 LAST NM 9/85			
	Add	Danger circle "Obstr Rep (1985)"		(7(175)85 Tokyo) 12/85 5°16.6′N 107°58.2′E
★**71027**	7Ed. 5/21/83 LAST NM 12/85			
	Add	Depths 25 fathoms "Rep (1985)" (PA)		(NVS7410/85; 1(65)85 Taunton) 13/85
		9 fathoms 3 feet "Rep (1984)" (See 9/85-71027)		5°46.6′N 107°28.8′E 3°50.6′N 112°29.9′E
71027	7Ed. 5/21/83 LAST NM 13/85			
	Add	Platforms with light flare symbol		(2(4, 5, 6)85 Sarawak) 14/85 4°32.7′N 113°36.9′E 4°17.9′N 113°48.2′E
		Depth 13 fathoms "Rep (1984)"		4°55.7′N 112°27.1′E
71027	7Ed. 5/21/83 LAST NM 14/85			
	Add	Platforms with light flare symbol		(1(3), 2(5)84 Sarawak) 21/85 3°26.3′N 112°22.4′E 3°26.3′N 112°22.8′E
		Submarine pipeline joining (platform)		3°26.3′N 112°22.4′E 3°26.9′N 112°22.8′E 3°27.4′N 112°23.4′E 3°27.5′N 112°24.3′E 3°15.0′N 112°48.5′E
			(platform)	
71027	7Ed. 5/21/83 LAST NM 21/85			
	Delete	Buoy (PA)		(NVS7465/85) 24/85 3°59′N 112°15′E
71027	7Ed. 5/21/83 LAST NM 24/85			
	Add	Platforms with light flare symbol		(16(1071)85 Taunton) 27/85 4°33.0′N 113°37.2′E 4°18.2′N 113°47.9′E

71027	7Ed. 5/21/83 LAST	NM 27/85	(18(1220)85 Taunton; 22/85 Malaysia) 29/85
	Change	Light to Fl(3) 25M	3°58.0′N 103°26.0′E
	Add	Light Fl 12M	2°04.7′N 109°38.7′E
71027	7Ed. 5/21/83 LAST	NM 29/85	(24(1610)85 Taunton) 33/85
	Delete	Depths 17 fathoms	7°43.2′N 106°28.6′E
		470 fathoms	8°20.0′N 109°54.0′E
	Add	Depths 5 fathoms 3 feet	5°58.7′N 105°57.9′E
		18 fathoms	6°05.5′N 107°20.5′E
		13 fathoms	7°42.4′N 106°31.9′E
		24 fathoms	6°09.7′N 108°07.4′E
		22 fathoms	6°22.4′N 108°19.6′E
		7 fathoms 3 feet	7°22.2′N 109°01.4′E
		37 fathoms	8°09.4′N 108°52.4′E
		53 fathoms	8°20.5′N 109°54.6′E
		9 fathoms 4 feet	7°16.0′N 109°43.4′E
		19 fathoms	5°36.5′N 110°03.8′E
		40 fathoms	5°33.0′N 110°28.1′E
		Rock "Uncov 13 ft"	8°26.8′N 104°35.1′E
71027	7Ed. 5/21/83 LAST	NM 33/85	(26(1735-1737)85 Taunton) 34/85
	Add	Lights Fl(4) 26M	2°59.4′N 107°46.7′E
		Fl(2) 26M	4°47.7′N 108°01.2′E
		Fl 24M	3°57.7′N 108°24.3′E
71027	7Ed. 5/21/83 LAST	NM 34/85	(24(1610)85 Taunton) 35/85
	Substitute	Rock "Uncov 4 ft" for rock "Uncov 13 ft" (See 33/85-71027)	8°26.8′N 104°35.1′E
71027	7Ed. 5/21/83 LAST	NM 35/85	(28(1845), 29(1905)85 Taunton) 36/85
	Add	Platform (lighted)	4°38.4′N 112°18.1′E
		Depths 17 fathoms	8°49.4′N 108°26.0′E
		18 fathoms	8°46.5′N 108°17.6′E
		15 fathoms	8°39.0′N 108°05.4′E
		17 fathoms	8°35.2′N 108°13.1′E
		14 fathoms	8°28.9′N 107°50.0′E
		13 fathoms	8°20.7′N 107°35.0′E
		16 fathoms	8°14.2′N 107°49.1′E
		9 fathoms 5 feet	8°19.7′N 106°34.7′E
★71027	7Ed. 5/21/83 LAST	NM 36/85	(HNNM 7654/85) 2/86
	Add	Depth 18 fathoms (PA)	5°47.0′N 107°30.0′E
71027	7Ed. 5/21/83 LAST	NM 2/86	(BA CH 2757; 4/86 Malaysia) 11/86
	Add	Dangerous wreck (PA)	1°40.5′N 104°46.0′E
		Platforms, each with light flare symbol	
		"Guntong A"	5°38.0′N 105°02.5′E
		"Palas A"	5°37.4′N 105°09.0′E
		"Tabu A"	5°40.3′N 105°55.8′E
71027	7Ed. 5/21/83 LAST	NM 11/86	(3(232)86 Taunton) 12/86
	Add	Depth 11 fathoms Wk (unsurveyed)	2°15.8′N 104°56.2′E
71027	7Ed. 5/21/83 LAST	NM 12/86	(7(518)86 Taunton; 10/86 Malaysia) 15/86
	Delete	Light	2°16′N 103°59′E
	Add	Dangerous wreck (PA)	3°47′N 110°50′E
71027	7Ed. 5/21/83 LAST	NM 15/86	(8(609)86 Taunton) 19/86
	Delete	Depth 5 fathoms 3 feet (See 33/85-71027)	5°58.7′N 105°57.9′E
★71027	7Ed. 5/21/83 LAST	NM 19/86	(MCNM7755/86) 20/86
	Add	Depths 69 fathoms	4°59.0′N 113°13.4′E
		82 fathoms	5°00.8′N 113°15.0′E
		147 fathoms	5°02.0′N 113°16.7′E
		194 fathoms	5°04.1′N 113°18.1′E
71027	7Ed. 5/21/83 LAST	NM 20/86	(1734/86 Taunton; 24/85 Sarawak; BA CH 2660B) 33/86
	Add	Depth 21 fathoms "Rep (1986)"	3°51.0′N 111°49.0′E
		Light symbol to platform	4°20.0′N 112°40.5′E
		Submarine pipeline between platforms	4°38.4′N 112°18.1′E
			4°20.0′N 112°40.5′E

71027	7Ed. 5/21/83 LAST NM 33/86		
	Add	Legend "Rep larger in area (1986)"	(31(2261)86 Taunton) 37/86 7°22.0'N 113°55.0'E
71027	7Ed. 5/21/83 LAST NM 37/86		
	Add	Dangerous wreck (PA)	(1(17)86 Bangkok) 51/86 5°43'N 105°10'E
71027	7Ed. 5/21/83 LAST NM 51/86		
	Delete	Buoy	(51(3766)86 Taunton) 9/87 5°17.4'N 114°58.0'E
71027	7Ed. 5/21/83 LAST NM 9/87		
	Delete	Danger circle "Obstr"	(52(587)86 Jakarta; MCNM7875/87) 14/87 5°00.0'N 106°02.9'E
	Add	"Kakap Oilfield" area bound by purple composite line joining	5°01.0'N 105°55.3'E 5°02.3'N 105°54.8'E 5°04.0'N 105°58.5'E 5°03.2'N 106°00.0'E 5°00.3'N 105°57.3'E
		"KG-Field" area bound by purple composite line joining	4°58.5'N 106°00.8'E 5°01.3'N 106°00.8'E 5°01.3'N 106°05.0'E 4°58.5'N 106°05.0'E
		"KF-Field" area bound by purple composite line joining	4°55.0'N 105°58.3'E 4°56.1'N 106°00.0'E 4°55.0'N 106°02.3'E 4°52.4'N 106°00.6'E 4°54.0'N 105°58.3'E
		Platform with light flare symbol and legend "Flare HORN"	5°01.8'N 105°55.9'E
		Platforms	5°01.5'N 105°57.0'E 4°59.9'N 106°01.7'E 4°59.4'N 106°03.0'E 4°54.2'N 105°59.8'E
		Submarine pipeline between	4°51.9'N 104°50.1'E 4°34.0'N 103°28.9'E
		Position circle "Storage barge"	4°00.2'N 106°22.3'E
		"Restricted Area" bound by purple composite line joining	4°00.4'N 106°25.0'E 4°02.3'N 106°25.0'E 4°02.3'N 106°22.0'E 4°00.9'N 106°20.5'E 3°59.1'N 106°20.5'E 3°58.1'N 106°22.6'E
71027	7Ed. 5/21/83 LAST NM 14/87		
	Add	Depth 12 fathoms "Rep (1986)"	(9(713)87 Taunton) 17/87 2°24.2'N 109°04.8'E
71027	7Ed. 5/21/83 LAST NM 17/87		
	Add	Buoy BRB, pillar, double ball topmark, Fl(2) 8s	(1(72)87 Taunton) 20/87 3°06.5'N 112°14.0'E
		Platform with light symbol	3°36.4'N 112°24.6'E
		Submarine pipeline joining	3°36.4'N 112°24.6'E 3°36.0'N 112°23.6'E 3°35.2'N 112°23.2'E 3°30.6'N 112°22.9'E 3°26.3'N 112°22.4'E
71027	7Ed. 5/21/83 LAST NM 20/87		
	Add	R Bn (AERO) (PA)	(BA CH 3543) 29/87 3°22.5'N 103°25.0'E
71027	7Ed. 5/21/83 LAST NM 29/87		
	Add	Light Fl 10M	(BA CH 1311) 33/87 3°45.0'N 108°00.5'E
71027	7Ed. 5/21/83 LAST NM 33/87		
	Add	Depths 1 fathom 3 fathoms	(7(580)88 Taunton) 14/88 5°06.8'N 112°31.5'E 5°03.5'N 112°35.2'E
71027	7Ed. 5/21/83 LAST NM 14/88		
	Add	Dangerous wreck (PA)	(BA CH 2660) 7/89 3°20'N 111°50'E

71027	7Ed. 5/21/83 LAST NM 7/89		(20(264)86, 46(368)88 Jakarta) 14/89
	Add	Submarine pipeline between	5°01.5′N 105°57.0′E
			4°54.3′N 106°00.9′E
		Platform	4°54.3′N 106°00.9′E
71027	7Ed. 5/21/83 LAST NM 14/89		(BA LL) 18/89
	Change	Light to Fl(2) 23M	3°16.5′N 113°04.2′E
71027	7Ed. 5/21/83 LAST NM 18/89		(10(823, 824)89 Taunton) 22/89
	Add	Platform	4°30.0′N 113°37.2′E
★71033	29Ed. 2/15/86	NEW EDITION	(DMAHTC) 20/86
	Delete	Depths 22 fathoms	6°04′S 105°35′E
		53 fathoms	6°12′S 105°27′E
		(Previously published 8/86)	
	Add	Depths 15 fathoms	5°57.8′S 105°19.4′E
		15 fathoms	6°04.5′S 105°20.2′E
		18 fathoms	6°10.8′S 105°26.0′E
		8¼ fathoms	6°04.6′S 105°33.2′E
		17 fathoms	6°04.3′S 105°35.5′E
		9¾ fathoms	5°48.4′S 105°34.1′E
		(Previously published 8/86)	
	Substitute	Dangerous wreck "Rep (1978)" for wreck (PA)	2°25′S 106°52′E
		(Previously published 11/86)	
	Add	Dangerous wreck	4°42.9′S 107°05.4′E
		Danger circle "Obstr"	3°20.0′S 106°30.0′E
		(Previously published 11/86)	
	Delete	Dangerous wreck (Mast)	0°07′N 109°03′E
		(Previously published 13/86)	
	Add	Dangerous wreck	0°04.0′N 104°04.3′E
		(Previously published 13/86)	
	Change	Light to Fl 12M	0°37′N 103°46′E
		(Previously published 16/86)	
	Add	Dangerous wreck (Masts)	3°41.9′S 106°22.0′E
		(Previously published 16/86)	
	Add	Depth 11 fathoms "Rep (1986)"	1°50.0′S 107°17.0′E
		Dangerous wreck	0°06.0′N 108°55.0′E
		(Previously published 18/86)	
71033	29Ed. 2/15/86 LAST NM 20/86		(HNNM7680/86; BA CH 3948) 21/86
	Delete	Legend "PA" from depth 16 fathoms	0°25′S 106°30′E
	Add	Depth 10 fathoms	0°30.0′N 104°03.0′E
71033	29Ed. 2/15/86 LAST NM 21/86		(16(1189, 1198, 1200)86 Taunton) 23/86
	Delete	Depth 12 fathoms "Rep (1979)"	6°21.0′S 111°11.8′E
	Add	Depths 12 fathoms	6°18.8′S 111°09.5′E
		16 fathoms	6°20.5′S 111°11.9′E
		Light Fl 20M	5°27.5′S 105°18.7′E
		Buoy, BY, pillar, double cone topmark points upward, Q	0°07.0′N 108°55.0′E
71033	29Ed. 2/15/86 LAST NM 23/86		(12(145)86 Jakarta; BA RA) 25/86
	Delete	Racon from light	3°34.5′S 109°11.0′E
	Add	Wreck	5°03.5′S 108°58.5′E
71033	29Ed. 2/15/86 LAST NM 25/86		(12(936) Taunton) 26/86
	Add	Light Fl(2) 15M	1°16.3′S 108°53.8′E
71033	29Ed. 2/15/86 LAST NM 26/86		(15(1124)86 Taunton) 27/86
	Add	Light Fl(3) 15M	0°46.9′N 108°42.4′E
71033	29Ed. 2/15/86 LAST NM 27/86		(DMAHTC) 28/86
	Delete	R Bn	0°30.0′N 104°34.4′E

71033	29Ed. 2/15/86 LAST NM 28/86		(18(232), 19(244)86 Jakarta) 31/86
	Change	Lights to Q 10M Fl 12M	0°05.5'N 109°08.0'E 4°48.0'S 103°18.3'E
71033	29Ed. 2/15/86 LAST NM 31/86		
	Delete	R Bn (Supersedes 28/86-71033)	(DMAHTC) 34/86 0°30.0'S 104°34.4'E
71033	29Ed. 2/15/86 LAST NM 34/86		
	Delete	Lights	(21(268)86 Jakarta) 36/86 6°47'S 110°10'E 6°34'S 109°51'E
71033	29Ed. 2/15/86 LAST NM 36/86		
	Add	Wreck	(32(376)86 Jakarta) 38/86 4°04'S 111°46'E
71033	29Ed. 2/15/86 LAST NM 38/86		
	Add	Depth 13 fathoms "Rep (1986)"	(39(2833)86 Taunton) 2/87 0°52.2'S 106°18.4'E
71033	29Ed. 2/15/86 LAST NM 2/87		
	Add	Position circle (accurate) "Pole"	(40(461)86 Jakarta) 3/87 0°37.8'S 105°05.5'E
71033	29Ed. 2/15/86 LAST NM 3/87		
	Add	Depths 15 fathoms 14 fathoms 14 fathoms 14 fathoms	(45(3293)86 Taunton) 4/87 2°12.2'S 107°10.2'E 2°18.5'S 107°10.2'E 2°26.0'S 107°10.2'E 2°30.5'S 107°10.2'E
71033	29Ed. 2/15/86 LAST NM 4/87		
	Add	Dangerous wreck (Masts) (PA) Light Fl 22M	(47(3444)86 Taunton; 47(541)86 Jakarta) 7/87 5°07.0'S 106°31.0'E 5°09.8'S 106°05.9'E
71033	29Ed. 2/15/86 LAST NM 7/87		
	Delete	R Bn (AERO) at light	(51(3770)86 Taunton; (509, 532)86 Jakarta) 10/87 5°58'S 106°49'E
	Change	Light to Fl(2) 10s 11M	5°17.5'S 106°54.5'E
	Add	Light (articulated) Fl R 4s 8M	5°45.0'S 106°58.0'E
71033	29Ed. 2/15/86 LAST NM 10/87		
	Delete	Light	(2(38)87 Sydney) 11/87 10°33'S 105°41'E
71033	29Ed. 2/15/86 LAST NM 11/87		
	Add	Light Fl(3) 12M	(7(538)87 Taunton) 15/87 2°17.0'S 106°26.7'E
71033	29Ed. 2/15/86 LAST NM 15/87		(49(449)83, 20(177)84 Jakarta; Indo CH 78) 20/87
	Delete	Prohibited area centered Legend "PROHIB AREA"	6°00.0'S 107°46.0'E 5°17.0'S 106°17.0'E
		Purple dashed lines joining	5°09.0'S 106°23.0'E 5°10.0'S 106°25.0'E 5°21.0'S 106°22.0'E 5°32.0'S 106°22.0'E 5°32.0'S 106°11.0'E 5°23.0'S 106°11.0'E 5°23.0'S 106°15.0'E 5°21.0'S 106°19.0'E 5°09.0'S 106°23.0'E
		joining	5°00.0'S 106°30.0'E 5°00.0'S 106°35.0'E 5°21.0'S 106°35.0'E 5°21.0'S 106°30.0'E 5°00.0'S 106°30.0'E
	Substitute	Purple composite line for purple dashed line joining	5°55.0'S 107°01.0'E 5°55.0'S 106°59.0'E 5°44.0'S 106°59.0'E 5°44.0'S 108°14.0'E 6°17.0'S 108°46.0'E 6°30.0'S 108°46.0'E 6°30.0'S 108°31.0'E
	Change	Line 7 of cautions note to "are approximate."	0°44.0'S 111°17.0'E

(continued on next page)

71033	(Continued) Add	Legends "CAUTION NO 2"	20/87 5°22.0'S 106°41.0'E
		"Restr Area"	5°17.0'S 106°17.0'E
		"Restr Area"	5°03.0'S 106°38.0'E
		"RESTRICTED AREA"	5°47.0'S 107°24.0'E
71033	29Ed. 2/15/86 LAST NM 20/87 Add	Danger circle "Obstr"	(Indo CH 69) 31/87 5°58.5'S 109°57.0'
71033	29Ed. 2/15/86 LAST NM 31/87 Add	Wreck	(18(141)87 Jakarta) 33/87 6°14.0'S 110°54.5'E
71033	29Ed. 2/15/86 LAST NM 33/87 Add	Dangerous wreck	(30(2280)87 Taunton) 41/87 6°08.0'S 109°44.0'E
71033	29Ed. 2/15/86 LAST NM 41/87 Delete	Dangerous wreck	(34(2598)87 Taunton) 44/87 0°03.0'S 103°57.0'E
71033	29Ed. 2/15/86 LAST NM 44/87 Add	Dangerous wreck (Masts)	(37(2819)87 Taunton) 47/87 3°29.5'S 107°13.4'E
71033	29Ed. 2/15/86 LAST NM 47/87 Add	Dangerous wreck	(43(3277)87 Taunton) 51/87 4°51.0'S 106°32.0'E
71033	29Ed. 2/15/86 LAST NM 51/87 Substitute	Stranded wreck for danger circle "Obstr" (See 31/87-71033)	(5(32)88 Jakarta) 14/88 5°58.5'S 109°57.0'E
71033	29Ed. 2/15/86 LAST NM 14/88 Add	Light Fl 22M	(18(1405)88 Taunton) 31/88 6°46'S 111°57'E
71033	29Ed. 2/15/86 LAST NM 31/88 Add	Dangerous wreck	(30(257)88 Jakarta) 39/88 4°40.1'S 107°10.5'E
71033	29Ed. 2/15/86 LAST NM 39/88 Change	Characteristic of light to L Fl(2)	(BA LL) 49/88 0°02'N 104°47'E
71033	29Ed. 2/15/86 LAST NM 49/88 Add	Light Fl(3) 18M	(40(2997, 3005)88 Taunton) 52/88 1°01.5'S 104°21.0'E
		Depth 16 fathoms "Rep (1988)"	4°03.0'S 108°56.0'E
71033	29Ed. 2/15/86 LAST NM 52/88 Add	Depths 5½ fathoms "Rep (1988)"	(46(3445), 48(3597)88 Taunton) 4/89 3°33.0'S 107°24.0'E
		4¼ fathoms "Rep (1974)" (PA)	1°44.7'S 107°26.3'E
71033	29Ed. 2/15/86 LAST NM 4/89 Add	R Bn at light	(47(374, 376, 378)88 Jakarta) 10/89 5°42.0'S 106°42.0'E
		R Bns	6°23.0'S 110°54.6'E 0°20.2'N 108°57.0'E
71033	29Ed. 2/15/86 LAST NM 10/89 Change	Light to Q(3) 36M Racon	(BA LL) 11/89 1°43'S 108°42'E
71033	29Ed. 2/15/86 LAST NM 11/89 Add	Rock awash enclosed by danger circle "Rep (1988)"	(2(179)89 Taunton) 14/89 3°10.2'S 107°20.0'E
71033	29Ed. 2/15/86 LAST NM 14/89 Delete	Buoy	(51(420)88 Jakarta) 16/89 0°36'S 104°06'E
	Add	Light Fl(2)	0°36.8'S 104°05.4'E
71033	29Ed. 2/15/86 LAST NM 16/89 Change	Light to Fl(3) 18M	(BA LL) 18/89 6°34.5'S 110°39.0'E
71033	29Ed. 2/15/86 LAST NM 18/89 Add	Light Fl(3) 22M	(10(817)89 Taunton) 22/89 0°56.0'N 104°55.4'E
★71036	7Ed. 12/7/85 Delete	NEW EDITION Racon from light	(DMAHTC; 32(287)83 Jakarta; BA RA) 11/86 3°34.6'S 109°10.0'E
	Add	Depth 29 fathoms	5°40.0'S 110°41.0'E
71036	7Ed. 12/7/85 LAST NM 11/86 Add	Wreck	(12(145)86 Jakarta) 25/86 5°07.0'S 108°57.0'E
71036	7Ed. 12/7/85 LAST NM 25/86 Add	Light Fl(2) 8s 157ft 15M	(12(936)86 Taunton) 26/86 1°16.5'S 108°52.2'E

71036	7Ed. 12/7/85 LAST NM 26/86		
	Add	Depth 7½ fathoms "Rep (1986)"	(22(1592)86 Taunton) 29/86 3°25.9'S 109°55.2'E
71036	7Ed. 12/7/85 LAST NM 29/86		
	Delete	Legend "(numerous platforms and pipelines)"	(Indo CH 79) 20/87 5°56.5'S 107°50.0'E
		Purple dashed line joining	5°50.0'S 107°30.0'E 5°50.0'S 107°58.0'E 5°54.3'S 107°58.0'E 6°00.0'S 108°04.2'E
	Relocate	Legend "CAUTION NO 1" close SW to	5°49.0'S 107°57.0'E
	Substitute	Purple composite line for purple dashed line joining	5°45.1'S 107°30.0'E 5°45.1'S 108°13.5'E 6°00.0'S 108°29.1'E
	Change	Lines 3-4 of cautions note to "approximate."	1°34.5'S 110°26.0'E
	Add	Legend "RESTRICTED AREA"	
		Position circle "Pipe" with light Q 10M	5°47.0'S 107°57.0'E 5°54.3'S 108°04.8'E
71036	7Ed. 12/7/85 LAST NM 20/87		
	Add	Danger circles "Obstr"	(Indo CH 69, 104) 31/87 4°28.2'S 107°33.8'E 5°58.5'S 109°57.1'E
71036	7Ed. 12/7/85 LAST NM 31/87		
	Add	Buoy RW, pillar, ball topmark, Fl 5s	(36(281), 42(343)87 Jakarta) 50/87 2°42.7'S 107°31.2'E
		Superbuoy TANKER "SBM6"	5°51.7'S 107°44.7'E
71036	7Ed. 12/7/85 LAST NM 50/87		
	Substitute	Stranded wreck for danger circle "Obstr" (See 31/87-71036)	(5(32)88 Jakarta) 13/88 5°58.5'S 109°57.1'E
71036	7Ed. 12/7/85 LAST NM 13/88		
	Add	Depth 16 fathoms "Rep (1988)"	(40(3005)88 Taunton) 52/88 4°02.3'S 108°55.8'E
71036	7Ed. 12/7/85 LAST NM 52/88		
	Change	Light to Fl(2) 8s 39ft 11M	(BA LL) 4/89 2°37.6'S 108°12.2'E
71036	7Ed. 12/7/85 LAST NM 4/89		
	Change	Light to Q(3) 10s 574ft 36M Racon	(BA LL; BA RA) 11/89 1°43.0'S 108°41.7'E
71036	7Ed. 12/7/85 LAST NM 11/89		
	Add	Depth 5½ fathoms "Rep (1989)" (PA)	(10(826)89 Taunton) 22/89 1°55.2'S 108°09.2'E

★71040	4Ed. 1/2/88	NEW EDITION	(DMAHTC) 16/88
71040	4Ed. 1/2/88 LAST NM 16/88		
	Add	Depth 1.5 meters Rk	(27(2058)88 Taunton) 37/88 7°48.6'N 98°37.6'E

★71041	6Ed. 1/24/87	NEW EDITION	(MCNM7875/87; DMAHTC) 37/87
	Delete	Dangerous wreck (Masts)	7°50.5'N 98°25.9'E
		(And Plan)	
	Delete	Dangerous wreck (Masts)	7°50.2'N 98°26.0'E 7°50.3'N 98°25.7'E
		Buoy "3"	7°50.3'N 98°25.1'E 7°49.3'N 98°24.4'E
	Change	Buoy to BYB, pillar, double cone topmark bases together	7°49.5'N 98°25.4'E
★71041	6Ed. 1/24/87 LAST NM 37/87		(MCNM8036/87) 3/88
	Change	Solid building symbol to open building symbol and add position circle "Tr" (PA)	7°53'24"N 98°17'34"E
	Add	Legend "Boat Pier"	
		Position circle "White Tr" (PA)	7°53'44"N 98°17'02"E 7°54'41"N 98°17'36"E

71041	6Ed. 1/24/87 LAST NM 3/88		(Thai CH 335) 37/88
	Add	Light Fl R 4s 3m 7M	7°52′08″N 98°24′56″E
★71044	1Ed. 1/24/87	NEW CHART	(DMAHTC; 7(412)82 Bangkok) 14/87
		(Plan)	
	Change	Color of buoys to YBY	7°12′24″N 99°28′22″E
			7°15′01″N 99°29′05″E
★71060	1Ed. 2/6/88	NEW CHART	(DMAHTC; BA LL) 16/88
		(Panel A)	
	Change	Light to Fl(2) 12s 35m 8M	6°37.2′N 99°57.0′E
71060	1Ed. 2/6/88 LAST NM 16/88		(32/88 Malaysia) 42/88
		(Panels A & B)	
	Change	Light to Fl 3s 9m 8M	5°05.0′N 100°21.5′E
★71061	14Ed. 2/11/89	NEW EDITION	(DMAHTC) 16/89
★71062	13Ed. 2/11/89	NEW EDITION	(DMAHTC) 16/89
		(Previous edition canceled 30/86)	
★71066	1Ed. 1/17/87	NEW CHART	(DMAHTC; 2(139)87 Taunton) 13/87
	Change	Buoys to	
		"Fairway", RW, pillar, L Fl 10s	4°03.5′N 100°39.5′E
		"3", R, can, Fl R 10s	4°02.7′N 100°42.9′E
	Add	Buoys, each R, can	
		"4" Fl R 15s	4°01′27″N 100°43′45″E
		"5" Fl R 5s	4°00′12″N 100°45′00″E
71066	1Ed. 1/17/87 LAST NM 13/87		(BA LL) 41/87
	Change	Visibility (range) of light to 15M	4°00.3′N 100°30.5′E
71066	1Ed. 1/17/87 LAST NM 41/87		(32(2418)87 Taunton) 50/87
	Add	Racon at light	4°00.3′N 100°30.5′E
71066	1Ed. 1/17/87 LAST NM 50/87		(BA CH 792) 51/87
		(And Plan)	
	Add	Pilot station symbol	4°10′30″N 100°35′00″E
		"Spoil Ground" bound by dashed line joining	4°15′59″N 100°31′56″E
			4°15′59″N 100°32′08″E
			4°15′41″N 100°32′08″E
			4°15′41″N 100°31′56″E
		(Plan)	
	Add	Range lights,	
		front Oc(3) 20s 11m 9M in	4°17′22.0″N 100°34′16.0″E
		rear Fl 3s 16m 10M	4°18′24.0″N 100°34′06.5″E
		Range line extending in 171°15′ direction from rear light dashed for 3 miles, thence solid for 5 miles	4°18′24.0″N 100°34′06.5″E
		Legend "Lights in line 351°15′" along above range line	4°10′48.0″N 100°35′17.0″E
71066	1Ed. 1/17/87 LAST NM 51/87		(42/88 Malaysia) 45/88
	Relocate	Buoys "1" close NE to	4°04′13″N 100°41′07″E
		"2" close ENE	4°03′36″N 100°41′34″E
71066	1Ed. 1/17/87 LAST NM 45/88		(7(588), 10(807)89 Taunton; BA LL) 22/89
	Delete	Lights	3°59′26″N 100°45′46″E
			3°59′36″N 100°47′11″E
	Change	Light to Fl R 12s 7M	3°59′32″N 100°47′10″E
	Add	Legend "CAUTION NO 4"	4°03′15″N 100°42′10″E

(Continued on next page)

71066 (Continued)

	Add	Caution No 4 to cautions note in lower right margin of chart "4. Extensive changes to depths have taken place within Perak River. Depths are reported to be two meters shoaler than charted."	22/89

★71070 1Ed. 9/26/87 NEW CHART (DMAHTC; MCNM8025/87) 16/88

	(Left Panel)	
Delete	Platform	5°14.2'N 97°55.4'E

71070 1Ed. 9/26/87 LAST NM 16/88

	(Left & Right Panels)	(19(1453)88 Taunton) 31/88
Add	Light Fl(3) 20s 44m 20M	4°25'15"N 98°16'42"E

71070 1Ed. 9/26/87 LAST NM 31/88

	(Right Panel)	(11(183)89 Rostock) 24/89
Delete	Dangerous wreck	3°54.2'N 98°45.5'E
	Buoy	3°53.5'N 98°45.0'E

★71071 5Ed. 8/15/87 NEW EDITION (DMAHTC; Indo CH 19) 7/88

	(Plan)	
Delete	Depth contours (5-meter) between	3°48'07"N 98°42'59"E 3°48'20"N 98°43'13"E
	between	3°48'09"N 98°43'09"E 3°48'13"N 98°43'11"E
Add	Depth contours (5-meter) joining	3°48'07.0"N 98°42'59.0"E 3°48'09.6"N 98°43'01.2"E 3°48'13.8"N 98°43'05.0"E 3°48'16.2"N 98°43'06.1"E 3°48'18.2"N 98°43'06.0"E 3°48'20.0"N 98°43'05.6"E
	(10-meter extension) between	3°48'10.4"N 98°43'03.8"E 3°48'20.0"N 98°43'12.5"E
	and delete blue tint between above 10-meter contour extension and 5-meter contour	
	Depth contour (5-meter extension) joining	3°48'09.0"N 98°43'09.0"E 3°48'15.8"N 98°43'15.1"E 3°48'20.0"N 98°43'17.8"E
	and delete blue tint between above 5-meter contour extension and 10-meter contour	

71071 5Ed. 8/15/87 LAST NM 7/88

Delete	Dangerous wreck "Rep (1976)"	(11(183)89 Rostock) 24/89
	Buoy	3°54'06"N 98°45'04"E 3°54'07"N 98°45'02"E

★71074 1Ed. 9/20/86 NEW CHART (DMAHTC) 2/87

71074 1Ed. 9/20/86 LAST NM 2/87

Change	Buoy to "6" R, can, Fl R 5s	(9(725)89 Taunton) 20/89 4°07'25"N 98°17'15"E
	Designation of buoys "2" to "4" "6" to "8"	4°07'48"N 98°18'32"E 4°07'28"N 98°16'11"E
Add	Buoy "2" R, can, Fl R 4s	4°10'54"N 98°21'29"E

71074 1Ed. 9/20/86 LAST NM 20/89

Change	Period of buoy "3" to 3s	(12(970)89 Taunton) 24/89 4°09.8'N 98°20.1'E

★71080 1Ed. 10/31/87 NEW CHART (DMAHTC; 43(3257)87 Taunton) 15/88

Add	Depth 13 meters "Rep (1987)"	5°43'00"N 95°20'50"E

71080 1Ed. 10/31/87 LAST NM 15/88

	(Plan A)	(36(796)88 Rostock) 47/88
Add	Depth 15 meters "Rep (1988)"	5°43.2'N 95°21.7'E

71080	1Ed. 10/31/87 LAST NM 47/88		(39(2927)88, 12(969)89 Taunton) 24/89
		(Panel B)	
	Add	Light Fl(3) 20s 60m 41M	5°30.0'N 95°53.3'E
★71081	3Ed. 5/25/85	NEW EDITION	(DMAHTC; 6(52)85 Jakarta) 50/85
		(And Plan)	
	Substitute	Superbuoy TANKER for buoy (mooring)	5°15'30"N 97°03'54"E
		(Plan)	
	Add	Legend "LNG Pier"	5°13'17"N 97°05'39"E
71081	3Ed. 5/25/85 LAST NM 50/85		(28(292)85 Jakarta) 1/86
	Add	Light 2 Fl Y 3s 19m 8M	5°13'35"N 97°05'43"E
		(And Plan)	
	Relocate	Range lights, front close SSW to	5°12'55.9"N 97°05'49.0"E
		and change to Iso 2s 40m 15M Ra Ref	
		rear close SSW	5°12'51.2"N 97°05'46.8"E
		and change to Oc 8s 45m 18M	
	Change	Characteristic of range light, rear to Oc WRG 4s and add sectors white 180°-098°, red-121°, green-180°	5°13'39"N 97°05'13"E
	Add	Light Fl Y Mo(U) 15s to superbuoy TANKER (See 50/85-71081)	5°15'30"N 97°03'54"E
		(Plan)	
	Change	Light to Fl Y 3s 14m 8M and delete Ra Ref	5°13'34"N 97°05'43"E
	Add	Light Fl Y 3s 19m 8M	5°13'33.0"N 97°05'42.3"E
		Dashed line between	5°12'51.2"N 97°05'46.8"E 5°12'57.2"N 97°05'49.8"E
71081	3Ed. 5/25/85 LAST NM 1/86		(49(511)85 Jakarta) 11/86
	Change	Note to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	5°07'30"N 97°02'30"E
	Add	Lights Fl G 10s 6M	5°15'54"N 97°01'25"E
		Fl R 10s 6M	5°15'18"N 97°02'11"E
		Buoy, R, pillar, Fl R 4s	5°15'12"N 97°02'04"E
		(And Plan)	
	Add	Light Fl R 3s 4M	5°15'03.2"N 97°02'53.4"E
71081	3Ed. 5/25/85 LAST NM 11/86		(BA LL) 19/86
	Change	Lights to L Fl G 10s 6M	5°15'54"N 97°01'25"E
		L Fl R 10s 6M	5°15'18"N 97°02'11"E
		(See 11/86-71081)	
71081	3Ed. 5/25/85 LAST NM 19/86		(26(316)86 Jakarta) 37/86
		(And Plan)	
	Delete	Light (See 11/86-71081)	5°15'03"N 97°02'53"E
71081	3Ed. 5/25/85 LAST NM 37/86		(6(45)87 Jakarta) 20/87
	Add	Lights Q 15m 12M	5°14'53"N 97°01'47"E
		Fl 4s 18m 12M	5°14'49"N 97°01'45"E
71081	3Ed. 5/25/85 LAST NM 20/87		(BA LL) 33/87
	Change	Lights to Fl(2) R 8s 4M	5°15.3'N 97°02.2'E
		Fl(2) G 8s 4M	5°15.9'N 97°01.4'E
★71091	3Ed. 4/19/86	NEW EDITION	(DMAHTC) 28/86
	Add	Light Fl Y 3s 29ft 6M (Previously published 27/86)	5°49'48"N 95°20'40"E
	Add	Light flare symbol to light dot	5°41'15"N 95°23'05"E

71091	3Ed. 4/19/86 LAST NM 28/86		(5(68), (431)87 Hamburg) 14/87
	Delete	Position circle "TR"	5°45.1'N 95°02.0'E
71091	3Ed. 4/19/86 LAST NM 14/87		(43(3257)87 Taunton) 51/87
	Add	Depth 7 fathoms "Rep (1987)"	5°43'14"N 95°29'47"E
71091	3Ed. 4/19/86 LAST NM 51/87		(43(3257)87 Taunton) 15/88
	Delete	Depth 7 fathoms "Rep (1987)" (Cancels 51/87-71091)	5°43.2'N 95°29.8'E
	Add	Depth 7 fathoms "Rep (1987)"	5°43'14"N 95°20'47"E
71091	3Ed. 4/19/86 LAST NM 15/88		(36(796)88 Rostock) 47/88
	Add	Depth 8 fathoms "Rep (1988)"	5°43.3'N 95°21.5'E
71091	3Ed. 4/19/86 LAST NM 47/88		(47(373)88 Jakarta) 10/89
	Add	R Bn	5°54'02"N 95°19'09"E
★71140	6Ed. 4/5/86	NEW EDITION	(DMAHTC) 24/86
		(And Plan B)	
	Relocate	Light close NW to (Previously published 17/86)	0°59'42"S 100°20'04"E
		(Plan A)	
	Add	Purple dashed line joining	1°00'40.0"S 100°22'06.5"E 1°00'18.9"S 100°22'14.7"E 1°00'27.9"S 100°22'48.0"E 1°00'40.0"S 100°22'40.1"E 1°00'30.0"S 100°22'30.0"E
		Legend "Anchorage Prohibited" (Previously published 18/86)	
		(Plan B)	
	Add	"ANCH PROHIB" area bound by purple dashed line joining	1°00'21"S 100°22'15"E 1°00'27"S 100°22'48"E 1°00'53"S 100°22'33"E 1°00'53"S 110°22'01"E
		(Previously published 18/86)	
		(And Plan B)	
	Delete	Depth 1¾ fathoms (Previously published 19/86)	1°05'46"S 100°18'45"E
		(And Plan B)	
	Add	Depth 1 fathom (Previously published 19/86)	1°05'44"S 100°18'48"E
71140	6Ed. 4/5/86 LAST NM 24/86		(DMAHTC) 25/86
	Change	Note to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	0°26.0'S 100°47.0'E
71140	6Ed. 4/5/86 LAST NM 25/86		(15(1652)86 Taunton) 31/86
		(Plan B)	
	Delete	Buoy	1°01'35"S 100°22'16"E
71140	6Ed. 4/5/86 LAST NM 31/86		(BA LL) 45/86
		(Plan A)	
	Change	Light to Fl G 4s 23ft 5M	1°00'07"S 100°22'09"E
71140	6Ed. 4/5/86 LAST NM 45/86		(42(487)86 Jakarta) 10/87
		(Plan A)	
	Change	Light to Fl G 4s 5M	1°07'00"S 100°22'09"E
71140	6Ed. 4/5/86 LAST NM 10/87		(22(253)87 Jakarta) 45/87
	Add	Lights Fl 5s 381ft 10M	1°09'00"S 100°19'35"E
		Fl 4s 56ft 12M	1°02'15"S 100°10'05"E
		Fl 3s 56ft 10M	1°03'10"S 100°15'15"E
		Fl 3s 56ft 6M	1°02'15"S 100°23'05"E
71140	6Ed. 4/5/86 LAST NM 45/87		(13(1038)89 Taunton) 24/89
	Add	Light Fl(3) 15s 49ft	0°55.7'S 100°14.5'E
		Fl(3) 20s 144ft 18M	1°36.2'S 100°32.8'E

★71180	26Ed. 11/23/85	NEW EDITION	(DMAHTC; BA CH 2056; 9(554)84 Taunton) 7/86
	Delete	Depth 19 fathoms	5°41.8'S 106°00.2'E
	Substitute	Depth 3¼ fathoms for depth 8¾ fathoms	6°02.3'S 106°52.8'E
	Add	Depth 19 fathoms	5°41.8'S 106°02.0'E
71180	26Ed. 11/23/85 LAST NM 7/86		(47(3127)85 Taunton) 8/86
	Delete	Depths 22 fathoms	6°04.5'S 105°20.6'E
		41 fathoms	6°10.8'S 105°26.4'E
		17 fathoms	6°04.4'S 105°33.0'E
		22 fathoms	6°06.0'S 105°32.4'E
	Add	Depths 15 fathoms	5°57.8'S 105°19.4'E
		15 fathoms	6°04.5'S 105°20.2'E
		18 fathoms	6°10.8'S 105°26.0'E
		8¼ fathoms	6°04.6'S 105°33.2'E
		17 fathoms	6°04.3'S 105°35.5'E
		9¾ fathoms	5°48.4'S 105°34.1'E
71180	26Ed. 11/23/85 LAST NM 8/86		(51(538)85 Jakarta) 16/86
	Add	Light Fl R 5M, Fl G 5M	6°05.5'N 106°48.0'E
71180	26Ed. 11/23/85 LAST NM 16/86		(1(4, 6)86 Jakarta) 17/86
	Change	Period of light to 5s	5°33.8'S 105°20.7'E
		Height of lights to 105ft	5°55.9'S 104°43.8'E
		131ft	5°43.6'S 104°38.2'E
		36ft	5°35.5'S 104°33.6'E
71180	26Ed. 11/23/85 LAST NM 17/86		(51(538)85 Jakarta; 16(1189)86 Taunton) 23/86
	Add	Lights Fl(2) 7s 75ft 10M	5°39.4'S 105°28.3'E
		Fl WR 5s 20M	5°27.5'S 105°18.7'E
		Fl R 5M, Fl G 5M	6°05.5'S 106°48.0'E
		(Cancels 16/86-71180)	
71180	26Ed. 11/23/85 LAST NM 23/86		(BA LL) 35/86
	Change	Light to Fl 3s 144ft 18M	5°26.8'S 105°16.8'E
71180	26Ed. 11/23/85 LAST NM 35/86		(30(358)86 Jakarta) 37/86
	Delete	Platform	5°31.3'S 106°12.0'E
71180	26Ed. 11/23/85 LAST NM 37/86		(41(300), 42(3077)86 Taunton) 49/86
	Change	Light to Fl(2) 10s 49ft 11M	5°17.6'S 106°54.2'E
	Add	Lights Fl R 4s 29ft 8M	5°45.0'S 106°59.0'E
		Fl 5s 141ft 22M	5°10.3'S 106°06.6'E
71180	26Ed. 11/23/85 LAST NM 49/86		(47(3444)86 Taunton; 45(520), 47(541)86 Jakarta) 7/87
	Delete	Light	5°10.3'S 106°06.6'E
		(See 49/86-71180)	
	Substitute	Dangerous wreck for wreck (PA)	5°50.8'S 106°37.3'E
	Add	Dangerous wreck (Masts) (PA)	5°07.2'S 106°31.5'E
		Light Fl 5s 149ft 22M	5°10.1'S 106°06.6'E
71180	26Ed. 11/23/85 LAST NM 7/87		(51(3770)86 Taunton; 42(489)86 Jakarta) 10/87
	Delete	R Bn (AERO) at light	5°57.5'S 106°50.6'E
	Add	Danger circles "Obstr"	5°49.0'S 106°55.0'E
			5°51.0'S 106°53.1'E
71180	26Ed. 11/23/85 LAST NM 10/87		(52(585)86, 3(20)87 Jakarta; Indo CH 79) 14/87
	Add	Stranded wreck	5°58.3'S 106°52.3'E
		Depth 2 fathoms	5°53.2'S 105°54.7'E
		Danger circle "Obstr"	5°51.5'S 106°07.4'E
		Dashed-line circles with blue tint	5°44.8'S 106°00.8'E
			5°44.6'S 106°00.2'E
			5°44.7'S 105°59.5'E
		Legend "Discol water"	5°44.1'S 106°01.0'E
		Dashed-line circle with blue tint "Discol water"	5°45.3'S 106°59.5'E

(Continued on next page)

71180 (Continued)

Add	Position circles "Post"		14/87
			5°46.1'S 107°02.1'E
			5°47.2'S 107°02.2'E
			5°47.2'S 107°01.4'E

71180 26Ed. 11/23/85 LAST NM 14/87 (49(449)83, 20(177)84 Jakarta; Indo CH 78) 20/87

Delete	Legend "CAUTION NO 1"	5°11.3'S 106°32.5'E
	Legends "PROHIBITED AREA CAUTION NO 1"	5°07.5'S 106°07.0'E 5°05.8'S 106°27.0'E
	Purple dashed lines between	5°04.0'S 106°19.5'E 5°10.0'S 106°25.0'E
	joining	5°04.0'S 106°30.0'E 5°22.2'S 106°30.0'E 5°22.2'S 106°35.0'E 5°04.0'S 106°35.0'E
	joining	5°15.0'S 106°09.0'E 5°13.8'S 106°09.0'E 5°06.0'S 106°10.0'E
	between	5°04.0'S 106°10.8'E 5°13.8'S 106°09.0'E
Substitute	Purple composite lines for purple dashed lines joining	5°06.0'S 106°10.0'E 5°06.0'S 106°03.8'E 5°15.0'S 106°03.8'E 5°15.0'S 106°09.0'E 5°37.0'S 106°09.0'E 5°37.0'S 106°14.0'E 5°33.0'S 106°14.0'E 5°33.0'S 106°18.0'E 5°26.0'S 106°27.7'E 5°10.0'S 106°25.0'E
	joining	5°04.0'S 106°21.8'E 5°10.0'S 106°26.0'E 5°07.0'S 106°30.0'E
	joining	5°45.0'S 107°03.0'E 5°45.0'S 106°59.0'E 5°56.0'S 106°59.0'E 5°56.0'S 107°00.5'E
Change	Legend to "RESTRICTED AREA"	5°20.5'S 106°15.5'E
	Lines 2-3 of cautions note to "this aea. Positions are approximate"	6°36.3'S 106°05.5'E
Add	Purple composite lines between	5°06'00"S 106°10'00"E 5°04'00"S 106°10'12"E
	between	5°10'00"S 106°25'00"E 5°04'00"S 106°21'30"E
	joining	5°07'00"S 106°30'00"E 5°34'42"S 106°30'00"E 5°34'42"S 106°40'00"E 5°04'00"S 106°40'00"E
	Legends "RESTRICTED AREA" "CAUTION NO 1" "RESTRICTED AREA"	5°11'18"S 106°35'00"E 5°15'30"S 106°35'00"E 5°49'00"S 107°01'00"E

71180 26Ed. 11/23/85 LAST NM 20/87 (52(585)86, 7(58)87 Jakarta) 23/87

Delete	Dashed-line circle and blue tint "Discol water" (See 14/87-71180)	5°45.3'S 106°59.5'E
Add	Dashed-line circle with blue tint	5°45.3'S 105°59.5'E

71180 26Ed. 11/23/85 LAST NM 23/87 (Indo LL) 30/87

Change	Visibility (range) of light to 18M	5°12.3'S 106°27.7'E

71180 26Ed. 11/23/85 LAST NM 30/87 (23(1708)87 Taunton) 33/87

Add	Buoy RW, pillar, ball topmark, Fl 5s	5°37'30"S 106°36'35"E

71180	26Ed. 11/23/85 LAST NM 33/87		(24(1790)87 Taunton) 40/87
	Add	Legend "(breakers)"	5°55.8'S 105°48.2'E
71180	26Ed. 11/23/85 LAST NM 40/87		(30(2220)87 Taunton) 41/87
	Add	Platform "TA" with light flare symbol	5°10'13"S 106°24'13"E
71180	26Ed. 11/23/85 LAST NM 41/87		(BA LL; 33(930)87 Tokyo; 41(2997)87 Taunton) 48/87
	Change	Characteristic of light to Fl(3) G	5°51.0'S 106°38.7'E
	Add	Depth 10¾ fathoms "Rep (1987)"	5°50.0'S 106°16.2'E
		Danger circles "Obstr"	5°15.8'S 106°29.0'E 5°10.0'S 106°20.2'E
71180	26Ed. 11/23/85 LAST NM 48/87		(44(3344)87 Taunton) 52/87
	Add	Light Fl(2) 8s 49ft 10M	5°55'45"S 106°43'44"E
71180	26Ed. 11/23/85 LAST NM 52/87		(48(395)87 Jakarta) 8/88
	Delete	Danger circles "Obstr"	5°44.0'S 106°46.2'E 5°22.5'S 106°09.3'E
		Dangerous wreck	5°50.2'S 106°47.8'E
71180	26Ed. 11/23/85 LAST NM 8/88		(32(2463)88 Taunton) 41/88
	Add	Depths 12 fathoms	5°46.0'S 105°51.3'E
		9¼ fathoms	5°26.0'S 105°58.8'E
71180	26Ed. 11/23/85 LAST NM 41/88		(40(3006)88 Taunton) 52/88
	Add	Depth 19 fathoms "Rep (1988)"	5°50.2'S 106°06.3'E
71180	26Ed. 11/23/85 LAST NM 52/88		(BA LL) 4/89
	Change	Light to Fl(2) R 8s 39ft 10M	5°54.3'S 107°00.6'E
71180	26Ed. 11/23/85 LAST NM 4/89		(47(376)88 Jakarta) 10/89
	Add	R Bn at light	5°41.5'S 106°42.7'E
71180	26Ed. 11/23/85 LAST NM 10/89		(BA LL) 14/89
	Change	Period of light to 5s	6°04.9'S 106°52.6'E
71182	1Ed. 8/48 LAST NM 1A/71		(BA CH 1653A) 20/77
	Add	Depth 19 fathoms	7°27.3'S 106°30.2'E
71182	1Ed. 8/48 LAST NM 20/77		(37(400)80 Jakarta) 48/80
	Add	"Explosives Dumping Ground" bound by purple dashed line joining	6°50'S 105°00'E 6°55'S 105°00'E 6°55'S 105°05'E 6°50'S 105°05'E
71182	1Ed. 8/48 LAST NM 48/80		(6(367)84 Taunton) 14/84
	Add	Depth 15 fathoms and relocate depth contour (100-fathom) W to enclose above depth	7°17.7'S 106°18.0'E
★71183	12Ed. 9/13/86	NEW EDITION	(DMAHTC; 33(345)86 Jakarta) 1/87
	Change	Characteristic of buoys to Q	
		"I"	7°45'20"S 109°01'26"E
		"II"	7°45'21"S 109°01'11"E
71183	12Ed. 9/13/86 LAST NM 1/87		(48(549)86 Jakarta) 10/87
	Delete	Buoy	7°45'21"S 109°03'09"E
71183	12Ed. 9/13/86 LAST NM 10/87		(16(1244)87 Taunton) 26/87
	Delete	Lights	7°45'46"S 109°02'11"E 7°45'46"S 109°02'12"E
71183	12Ed. 9/13/86 LAST NM 26/87		(34(2600)87 Taunton) 44/87
	Add	Buoy "12A" R, can topmark, Fl R 4s	7°45'08.8"S 109°00'40.0"E
71183	12Ed. 9/13/86 LAST NM 44/87		(4(25)88 Jakarta) 13/88
	Delete	Buoy "12A" (See 44/87-71183)	7°45'08.8"S 109°00'40.0"E
★71185	23Ed. 6/27/87	NEW EDITION	(DMAHTC) 39/87
71185	23Ed. 6/27/87 LAST NM 39/87		(BA LL) 50/87
	Change	Characteristic of light to Fl 2.5s	6°07.3'S 106°48.6'E

71185	23Ed. 6/27/87 **LAST** NM 50/87		
	Add	Light Fl(2) 8s 15m 10M	(44(3344)87 Taunton) 52/87 5°55'31"S 106°43'51"E
71185	23Ed. 6/27/87 LAST NM 52/87		
	Change	Light to Fl(2) R 8s 12m 10M	(BA LL) 4/89 5°54.2'S 107°00.5'E
71185	23Ed. 6/27/87 LAST NM 4/89		
	Change	Period of light to 5s	(BA LL) 14/89 6°04'50"S 106°52'53"E

★71186	1Ed. 4/4/87	NEW CHART	(DMAHTC) 26/87
71186	1Ed. 4/4/87 LAST NM 26/87		
	Change	Characteristic of light to Fl 2.5s	(BA LL) 50/87 6°07.3'S 106°48.6'E
71186	1Ed. 4/4/87 LAST NM 50/87		
	Change	Period of light to 5s	(BA LL) 14/89 6°04'50"S 106°52'54"E

★71191	3Ed. 4/28/79	NEW EDITION	(DMAHTC) 26/79
71191	3Ed. 4/28/79 LAST NM 26/79		
	Relocate	Light (10°33'01"S 105°41'00"E) to (PA)	(47(786)84 Sydney) 11/85 10°33'15"S 105°42'03"E
71191	3Ed. 4/28/79 LAST NM 11/85		
	Add	R Bn (AERO) (PA)	(FLIP) 17/85 10°25'56"S 105°43'50"E
71191	3Ed. 4/28/79 LAST NM 17/85		
	Delete	Light (PA)	(2(38)87 Sydney) 11/87 10°33'15"S 105°42'03"E
71191	3Ed. 4/28/79 LAST NM 11/87		
	Add	Pilot station symbol	(43(529)87 Sydney) 52/87 10°25'12"S 105°41'30"E
	Add	(Plan) "Small Craft Anchorage" area bound by purple dashed line joining	10°25'12.5"S 105°42'44.8"E 10°25'15.1"S 105°42'47.3"E 10°25'14.9"S 105°42'54.0"E 10°25'12.0"S 105°42'53.3"E
		Buoys (mooring) "SW C SPAN"	10°25'09.6"S 105°42'38.9"E
		(mooring) "SE C SPAN"	10°25'09.5"S 105°42'55.1"E
		(mooring) "B SPAN"	10°25'07.7"S 105°42'58.6"E

★71210	17Ed. 1/2/88	NEW EDITION	(DMAHTC) 13/88
71210	17Ed. 1/2/88 LAST NM 13/88		
	Add	Danger circle "Obstr"	(8(59)88 Jakarta) 17/88 4°26.0'S 106°19.5'E
71210	17Ed. 1/2/88 LAST NM 17/88		
	Add	Dangerous wreck	(30(257)88 Jakarta) 39/88 4°40.1'S 107°10.5'E
71210	17Ed. 1/2/88 LAST NM 39/88		
	Add	Depth 17 meters	(32(2463)88 Taunton) 41/88 5°26.0'S 105°58.6'E
71210	17Ed. 1/2/88 LAST NM 41/88		
	Add	Light Fl 10s 90m 10M	(37(307)88 Jakarta) 47/88 3°02.0'S 106°53.7'E
71210	17Ed. 1/2/88 LAST NM 47/88		
	Add	Depth 10 meters "Rep (1988)"	(46(3445)88 Taunton) 4/89 3°32.2'S 107°23.8'E
71210	17Ed. 1/2/88 LAST NM 4/89		
	Add	Rock awash enclosed by danger circle "Rep (1988)" (PA)	(2(179)89 Taunton) 14/89 3°10.1'S 107°19.3'E

★71211	3Ed. 9/26/87	NEW EDITION	(DMAHTC) 1/88
71211	3Ed. 9/26/87 LAST NM 1/88		
	Add	Light Fl 10s 90m 10M	(37(307)88 Jakarta) 47/88 3°01'56"S 106°53'45"E
71211	3Ed. 9/26/87 LAST NM 47/88		
	Add	Rock awash enclosed by danger circle "Rep (1988)" (PA)	(2(179)89 Taunton) 14/89 3°10'06"S 107°19'20"E

★71212	1Ed. 9/5/87	NEW CHART	(DMAHTC) 46/87

71212	1Ed. 9/5/87 LAST NM 46/87 (Panel A)		(BA LL; 33(260)87 Jakarta) 48/87
	Delete	Buoy	0°04′43″N 109°08′00″E
	Relocate	Light close ESE to and change to Fl R 2s 4M	0°04′12″N 109°09′53″E
	Change	Buoys, each to G, pillar, cone topmark,	
		"1" Fl G 3s	0°05′23″N 109°04′58″E
		"7" Fl G 5s	0°04′17″N 109°09′20″E
		"9" Fl G 3s	0°03′43″N 109°10′31″E
		Buoy to "8" R, pillar, can topmark, Fl R 4s	0°04′21″N 109°09′23″E
		Light to Fl R 2s 10M	0°03′58″N 109°10′49″E
	Add	Buoys, each R, pillar, can topmark,	
		"4" Fl R 6s	0°05′01″N 109°06′41″E
		"6" Fl R 2s	0°04′42″N 109°08′02″E
		Buoy "5" G, pillar, cone topmark, Fl G 3s	0°04′35″N 109°07′58″E
		Designation "3" to buoy	0°04′55″N 109°06′42″E
		Light to beacons	
		Iso R 2s 8m 6M	0°00′37″N 109°16′45″E
		QG 15m 10M	0°00′07″S 109°17′36″E
		Beacons, each R, can topmark,	
		Fl R 4s 12m 6M	0°02′52″N 109°12′27″E
		Fl R 2s 12m 6M	0°01′42″N 109°14′32″E
71212	1Ed. 9/5/87 LAST NM 48/87 (Panel A)		(BA LL) 17/88
	Change	Light to Iso 4s 25m 10M (See 48/87-71212)	0°03′58″N 109°10′49″E
71212	1Ed. 9/5/87 LAST NM 17/88 (Panel C)		(18(153)88 Jakarta) 33/88
	Delete	Position circle "Pyramid"	2°44′39″S 107°36′32″E
★71220	1Ed. 8/29/87	NEW CHART	(DMAHTC) 44/87
71220	1Ed. 8/29/87 LAST NM 44/87 (Plans B & C)		(BA LL) 8/88
	Change	Visibility (range) of light to 10M	2°48′45″N 105°56′35″E
71220	1Ed. 8/29/87 LAST NM 8/88 (Plan A)		(5(31)88 Jakarta) 13/88
	Add	Stranded wreck	2°05′20″S 105°11′30″E
71220	1Ed. 8/29/87 LAST NM 13/88 (Plan A)		(13(108), 16(135)88 Jakarta) 26/88
	Change	Buoy to black and white, conical, cone topmark	2°06′00″S 105°06′30″E
	Add	Buoy G, conical	2°04′56″S 105°06′32″E
71220	1Ed. 8/29/87 LAST NM 26/88 (Plan A)		(18(152)88 Jakarta) 33/88
	Add	Dangerous wreck	2°13.6′S 104°56.2′E
71220	1Ed. 8/29/87 LAST NM 33/88 (Plan A)		(52(429)88 Jakarta) 14/89
	Change	Lights "No 2" to Fl 2s 6M Ra Ref	2°13.5′S 104°55.7′E
		"No 1" to Fl 5s 8M	2°12.8′S 104°55.6′E
★71223	7Ed. 9/13/86	NEW EDITION	(DMAHTC) 48/86
71223	7Ed. 9/13/86 LAST NM 48/86 (Panels A & B)		(44(3337)87 Taunton) 52/87
	Change	Lights to Fl 3s	2°26′13″S 104°56′21″E
		Oc 3s	2°26′23″S 104°56′25″E

71223	**7Ed. 9/13/86 LAST NM 52/87**		(18(152)88 Jakarta) 33/88
		(Plan A)	
	Add	Dangerous wreck	2°13′28″S 104°56′01″E
71223	**7Ed. 9/13/86 LAST NM 33/88**		(52(429)89 Jakarta) 14/89
		(Plan A)	
	Change	Lights	
		"No 2" to Fl 2s 9m 6M Ra Ref	2°13′08″S 104°55′50″E
		"No 1" to Fl 5s 15m 8M	2°12′33″S 104°55′53″E
★**71230**	**10Ed. 3/12/88**	NEW EDITION	(DMAHTC; 8(664)88 Taunton) 21/88
		(Panel A)	
	Change	Buoy to "Kuala Lajau" RW, spherical, ball topmark, L Fl 10s	0°24.6′S 103°44.3′E
71230	**10Ed. 3/12/88 LAST NM 21/88**		(13(108), 16(135)88 Jakarta) 26/88
		(Panel B)	
	Change	Buoy to black and white, conical, cone topmark	2°06′00″S 105°06′45″E
	Add	Buoy G, conical	2°04′56″S 105°06′32″E
71230	**10Ed. 3/12/88 LAST NM 26/88**		(23(200)88 Jakarta) 33/88
		(And Panel)	
	Change	Characteristic of light to Fl 15s	0°52′10″S 104°24′18″E
71230	**10Ed. 3/12/88 LAST NM 33/88**		(40(2997)88 Taunton) 52/88
		(Panels A & B)	
	Add	Light Fl(3) 14s 42m 18M	1°01.6′S 104°21.5′E
71230	**10Ed. 3/12/88 LAST NM 52/88**		(51(420)88 Jakarta; BA LL) 16/89
		(Panel A)	
	Delete	Buoy	0°36.8′S 104°06.0′E
	Add	Light Fl(2) 6s 12m	0°36.8′S 104°05.4′E
★**71239**	**3Ed. 4/5/86**	NEW EDITION	(DMAHTC) 24/86
	Relocate	Buoy close E to and change characteristic to Fl(2) 6s (Previously published 16/86)	1°11′44″N 103°52′45″E
71239	**3Ed. 4/5/86 LAST NM 24/86**		(10(134)86 Singapore) 52/86
	Substitute	Light Fl 10s 11M for light beacon	1°11.1′N 103°52.9′E
71239	**3Ed. 4/5/86 LAST NM 52/86**		(14(105)87 Jakarta) 27/87
	Relocate	Buoy (1°11′44″N 103°52′45″E) to and change characteristic to Fl 15s	1°11′41″N 103°52′37″E
71239	**3Ed. 4/5/86 LAST NM 27/87**		(Sing CH 302) 44/87
	Add	Depths 18 meters	1°10′12″N 103°54′25″E
		14.9 meters	1°10′46″N 103°54′37″E
71239	**3Ed. 4/5/86 LAST NM 44/87**		(3(55)88 Singapore) 34/88
	Relocate	Buoy (1°11′41″N 103°52′37″E) to	1°11′43″N 103°52′43″E
71239	**3Ed. 4/5/86 LAST NM 34/88**		(7(122)88 Singapore) 36/88
	Add	Racon at light	1°11′07″N 103°52′51″E
71239	**3Ed. 4/5/86 LAST NM 36/88**		(8(125)88 Singapore) 41/88
	Add	Foul ground symbol	1°10′43″N 103°51′33″E
71239	**3Ed. 4/5/86 LAST NM 41/88**		(12(190, 193-195)88 Singapore; Sing CH 502) 6/89
	Delete	Buoys	1°09′36″N 103°55′00″E
			1°11′43″N 103°52′43″E
		(See 34/88-71239)	
		Light	1°08′08″N 103°55′05″E
	Change	Beacon to BRB, double ball topmark, Q(2) 6s 8m 6M	1°08′33″N 103°54′51″E
	Add	Buoy G, conical, cone topmark, Fl G 5s	1°08′03.0″N 103°55′06.2″E
		Buoy BRB, pillar, double ball topmark, Fl(2) 5s Racon	1°11′46.5″N 103°52′25.0″E

71239	3Ed. 4/5/86 LAST NM 6/89		(1(14)89 Singapore) 24/89
	Delete	Racon from buoy (See 6/89-71239)	1°11′46.5″N 103°52′25.0″E
★71240	1Ed. 7/19/86	NEW CHART	(DMAHTC; (2892)85 Tntn; (98, 129)86 Sing; BA LL) 46/86
		(Panel A)	
	Delete	Dangerous wreck	1°16.1′N 103°45.9′E
		Buoy	1°16.0′N 103°45.9′E
	Change	Height of lights to	
		8m	1°08.1′N 103°55.2′E
		10m	1°07.6′N 103°55.5′E
	Add	Solid line (hulk) "Storage Tanker", 360 meters by 60 meters, oriented 264°-084° on axis centered	1°14′22″N 103°44′46″E
		(Panel B)	
	Delete	Dangerous wreck (PA)	1°19.3′N 104°27.0′E
71240	1Ed. 7/19/86 LAST NM 46/86		(4(56), 6(85)86 Singapore; BA LL) 47/86
		(Panel A)	
	Delete	Purple dashed line joining	1°16′52″N 103°44′55″E
			1°16′51″N 103°45′06″E
			1°16′33″N 103°45′07″E
		Purple arrow	1°16′45″N 103°45′04″E
		Legend "PASIR PANJANG COASTAL ANCH"	1°16′18″N 103°45′48″E
		Legend "WESTERN DANGEROUS GOODS ANCHORAGE"	1°16′42″N 103°45′30″E
	Add	Purple dashed line joining	1°17′02″N 103°44′54″E
			1°16′37″N 103°45′33″E
			1°16′14″N 103°45′33″E
		Legend "PASIR PANJANG COASTAL ANCH" between	1°16′28″N 103°45′40″E
			1°16′10″N 103°46′18″E
		Legend "WESTERN DANGEROUS GOODS ANCHORAGE" between	1°16′50″N 103°44′58″E
			1°16′27″N 103°45′32″E
		Submarine cable joining	1°19′00″N 103°59′18″E
			1°18′54″N 103°59′36″E
			1°18′06″N 104°01′00″E
		(Panels A & B)	
	Delete	Ra ref from light	1°10.3′N 104°00.5′E
		(Panel B)	
	Add	Submarine cable joining	1°19.4′N 103°59.2′E
			1°19.0′N 103°59.3′E
			1°18.9′N 103°59.6′E
			1°16.9′N 104°03.3′E
			1°15.0′N 104°04.0′E
			1°13.6′N 104°06.4′E
			1°13.4′N 104°08.2′E
			1°13.2′N 104°11.4′E
			1°13.4′N 104°15.5′E
			1°13.5′N 104°17.3′E
			1°14.0′N 104°19.9′E
			1°14.4′N 104°24.5′E
			1°16.1′N 104°29.2′E
			1°16.1′N 104°31.1′E
			1°17.0′N 104°36.5′E
71240	1Ed. 7/19/86 LAST NM 47/86		(10(134)86 Singapore) 52/86
		(Panel A)	
	Change	Light to Fl 10s 11M	1°11.1′N 103°53.0′E
71240	1Ed. 7/19/86 LAST NM 52/86		(12(149)86, 1(18)87 Singapore) 10/87
		(Panel B)	
	Substitute	Depth 11.4 meters for 11.7 meters	1°23′57″N 103°59′13″E
		(Panel A)	

(Continued on next page)

71240 (Continued)

	Add	Beacon "Jambi West", YBY, double cone topmark points together, Q(9) 15s 4m 3M	10/87 1°12'08"N 103°47'36"E
		Beacon "Jambi South", YB, double cone topmark points downward, Q(6) + L Fl 15s 4m 3M	1°12'05"N 103°47'52"E

71240 1Ed. 7/19/86 LAST NM 10/87 (12(159)86, 2(41)87 Singapore) 12/87

	(Panel A)	
Add	Depths 2.2 meters Obstr	1°17'24"N 103°44'56"E
	2.7 meters Obstr	1°17'16"N 103°44'54"E
	Lights (AERO) Fl 2s 230m 14M	1°17'36"N 103°51'12"E
	(AERO) Fl 182m 12M	1°16'32"N 103°43'48"E

71240 1Ed. 7/19/86 LAST NM 12/87 (7(527)87 Taunton) 15/87

	(Panel B)	
Delete	Depth 9.6 meters	1°22'36"N 104°05'00"E
Add	Depths 9.4 meters	1°21'21"N 104°04'23"E
	4.5 meters	1°21'45"N 104°03'54"E
	8.2 meters	1°22'33"N 104°05'02"E
	8.2 meters	1°23'18"N 104°05'11"E
	7.7 meters	1°23'37"N 104°05'20"E

71240 1Ed. 7/19/86 LAST NM 15/87 (10(772)87 Taunton; 3(44, 48)87 Singapore) 20/87

	(Panel B)	
Add	Depth 12.2 meters	1°23'13"N 104°00'39"E
	(Panel A)	
Substitute	Depth 14.9 meters Wk for 15.2 meters Obstr	1°16'45"N 103°53'07"E
Add	Buoy Y, pillar, Fl Y 5s	1°17'05"N 104°00'41"E
	Dashed line joining	1°17'20"N 104°01'00"E
		1°17'20"N 104°00'41"E
		1°17'05"N 104°00'41"E
		1°17'05"N 104°01'00"E
	Legend "Spoil Ground"	1°17'12"N 104°00'50"E
	(Panel B)	
Add	Buoys Y, pillar, Fl Y 5s	1°17'05"N 104°00'41"E
		1°17'05"N 104°01'06"E
	"Spoil Ground" area bound by dashed line joining	1°17'20"N 104°00'41"E
		1°17'05"N 104°00'41"E
		1°17'05"N 104°01'06"E
		1°17'20"N 104°01'06"E

71240 1Ed. 7/19/86 LAST NM 20/87 (9(74), 14(105)87 Jakarta; 6(85)86 Singapore) 27/87

	(Panel A)	
Delete	Submarine cable joining	1°19'00"N 103°59'18"E
		1°18'54"N 103°59'36"E
		1°18'06"N 104°01'00"E
	(See 47/86-71240)	
Relocate	Buoy close SW to and change characteristic to Fl 5s	1°11'39"N 103°52'40"E
Add	Submarine cable joining	1°18'20"N 104°01'00"E
		1°18'27"N 104°00'52"E
		1°18'56"N 103°59'51"E
		1°19'00"N 103°59'34"E
	(Panel B)	
Delete	Submarine cable joining	1°16.9'N 104°03.3'E
		1°18.9'N 103°59.6'E
		1°19.0'N 103°59.3'E
		1°19.4'N 103°59.2'E
	(See 47/86-71240)	

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71240	(Continued)		27/87
	Add	Submarine cable joining	1°40′00″N 104°36′30″E
			1°33′03″N 104°33′45″E
			1°29′51″N 104°32′37″E
			1°27′35″N 104°29′53″E
			1°23′05″N 104°24′10″E
			1°19′00″N 104°19′14″E
			1°18′56″N 104°18′47″E
			1°18′28″N 104°15′38″E
			1°17′30″N 104°11′49″E
			1°17′11″N 104°10′06″E
			1°16′25″N 104°07′16″E
			1°15′53″N 104°05′23″E
			1°16′35″N 104°03′39″E
			1°16′54″N 104°03′18″E
			1°17′15″N 104°02′42″E
			1°18′27″N 104°00′52″E
			1°18′56″N 103°59′51″E
			1°19′00″N 103°59′34″E
			1°19′33″N 103°59′21″E
71240	1Ed. 7/19/86 LAST	NM 27/87 (Panel A)	(BA CH 2598; Singapore CH 501) 29/87
	Delete	Pilot station symbol and legend "Shell SBM"	1°08′08″N 103°44′56″E
	Substitute	Depth 21.5 meters Wk for 21.9 meters	1°08′13″N 103°43′20″E
	Add	Dangerous wreck (PA)	1°07′15″N 103°44′16″E
		Legend "Art" to light	1°09′54″N 103°48′10″E
71240	1Ed. 7/19/86 LAST	NM 29/87 (Panel A)	(7(104, 106, 107)87 Singapore) 35/87
	Delete	Purple dashed lines joining	1°15.0′N 103°47.1′E
			1°14.3′N 103°47.9′E
			1°14.0′N 103°47.1′E
		joining	1°16.0′N 103°51.6′E
			1°16.1′N 103°51.7′E
			1°16.0′N 103°52.0′E
			1°16.6′N 103°52.4′E
		Swept depth 8.8 meters Wk	1°16.2′N 103°53.7′E
	Add	Purple dashed lines joining	1°15′13″N 103°47′31″E
			1°14′30″N 103°48′20″E
			1°13′58″N 103°47′08″E
		between	1°14′52″N 103°46′42″E
			1°14′08″N 103°47′31″E
		Legends "WESTERN PETROLEUM ANCHORAGE A"	1°14′40″N 103°47′32″E
		"B"	1°14′26″N 103°46′55″E
		Depth 10.6 meters Wk	1°16′13″N 103°53′40″E
71240	1Ed. 7/19/86 LAST	NM 35/87 (Panels A & B)	(BA CH 302) 40/87
	Add	Depth 14.6 meters	1°13′34″N 103°58′11″E
71240	1Ed. 7/19/86 LAST	NM 40/87 (Panel B)	(BA CH 2403) 43/87
	Change	Visibility (range) of light to 12M	1°21′42″N 104°17′53″E
	Add	R Bn (AERO)	1°18′57″N 103°57′55″E
71240	1Ed. 7/19/86 LAST	NM 43/87 (Panel A)	(Sing CH 103) 47/87
	Add	Depth 4.6 meters Obstr	1°15′01″N 103°51′47″E
71240	1Ed. 7/19/86 LAST	NM 47/87 (Panel A)	(10(139, 144)87 Singapore) 49/87
	Add	Danger circle "Obstr Rep (1987)"	1°10′40″N 103°51′44″E
		(Panel B)	
	Delete	Danger circle "Obstr"	1°23.8′N 104°00.9′E

71240 1Ed. 7/19/86 LAST NM 49/87 (Sing CH 302; BA LL) 52/87

(Panel A)

Delete — Depth 3.6 meters Wk — 1°15'06"N 103°54'56"E
Buoy — 1°15'03"N 103°55'00"E

Add — Depth 43 meters Wk marked close NW by buoy BRB, pillar, double ball topmark, Fl(2) 5s — 1°15'07"N 103°54'47"E

(Panel B)

Change — Characteristic of light to Fl 3s — 1°09.6'N 104°11.4'E

71240 1Ed. 7/19/86 LAST NM 52/87 (46(3517)87 Taunton) 1/88

(Panel A)

Delete — Purple dashed line joining — 1°16.5'N 103°44.4'E
1°15.8'N 103°43.7'E
1°14.9'N 103°42.1'E

Legend "CAUTION NO 3" — 1°14.8'N 103°43.5'E

Change — Open-outlined arrows to open-outlined dashed arrows — 1°13.4'N 103°41.1'E
1°14.5'N 103°43.4'E
1°14.9'N 103°45.2'E

Add — Purple dashed line (outside limit of traffic lane) joining — 1°16'16"N 103°44'38"E
1°15'40"N 103°43'48"E
1°14'51"N 103°42'06"E

Legends "Precautionary Area" between — 1°13'20"N 103°41'21"E
1°14'35"N 103°43'52"E

Legend "(see Note)" — 1°13'46"N 103°42'31"E

Note

"PRECAUTIONARY AREA

Vessels using the "Precautionary Area" are to navigate with caution as there may be vessels berthing or unberthing at Pulau Busing Paktank Terminal or deep draft vessels navigating against the recommended direction of traffic flow.

Deep draft vessels unable to proceed via the Outward Lane (southwesterly) due to insufficent depth of water may proceed via the "Precautionary Area". These vessels should display the signals as prescribed for vessels constrained by their draft in the International Regulations for Prevention of Collisions at Sea and inform Jurong Control on VHF CH 22 of their intention before entering the "Precautionary Area" or immediately before unberthing from the Esso SBM."

1°07'24"N 104°00'06"E

(Panel B)

Change — Lines 7-9 of cautions note to "established in Jong Fairway south of 1°13'N approximately. However, inward-bound deep draft vessels may be encountered in the outward-bound channel." — 1°28.6'N 104°09.6'E

71240 1Ed. 7/19/86 LAST NM 1/88 (BA LL) 3/88

(Panel B)

Change — Period of light to 6s (See 52/87-71240) — 1°09.6'N 104°11.4'E

71240 1Ed. 7/19/86 LAST NM 3/88 (8(119, 123, 127)87 Singapore) 6/88

(Panels A & B)

Delete — Legend "Works in progress (1983)" — 1°18.9'N 103°58.8'E

(Panel A)

Delete — Buoys — 1°18.5'N 103°59.4'E
1°18.5'N 103°59.0'E

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71240	(Continued) Delete	Dashed line joining	6/88 1°19.0'N 103°59.4'E 1°18.5'N 103°59.4'E 1°18.5'N 103°59.0'E 1°19.0'N 103°58.4'E
	Substitute	Depth 4.5 meters for 4.9 meters	1°12.0'N 103°46.9'E
	Change	Visibility (range) of light to 11M	1°05.9'N 103°43.3'E
	Delete	(Panel B) Dashed line joining	1°19.8'N 103°59.4'E 1°18.5'N 103°59.4'E 1°18.5'N 103°59.0'E 1°19.1'N 103°58.3'E
71240	1Ed. 7/19/86 LAST NM 6/88		(12(158, 160)87, 1(24, 29, 30)88 Singapore) 11/88
	Substitute	(Panel A) Depth 5.8 meters for 7.6 meters	1°16'00"N 103°47'38"E
	Change	Light to Fl Y 2.5s 18m 15M	1°17.9'N 103°54.3'E
	Add	Depth 15.7 meters Wk	1°13'06"N 103°45'23"E
	Change	(Panel B) Period of light to 5s (Supersedes 3/88-71240)	1°09.6'N 104°11.4'E
	Add	Position circle "Pile"	1°20'31"N 104°00'36"E
71240	1Ed. 7/19/86 LAST NM 11/88		(BA LL) 12/88
	Change	(Panel A) Visibility (range) of light to 11M	1°09.9'N 103°48.2'E
71240	1Ed. 7/19/86 LAST NM 12/88		(2(37)88 Singapore) 15/88
	Delete	(Panel A) Light	1°15'46"N 103°50'43"E
71240	1Ed. 7/19/86 LAST NM 15/88		(Sing CH 303) 16/88
	Change	Legend to "CHANGI GENERAL PURPOSES ANCH"	1°19.6'N 104°00.7'E
71240	1Ed. 7/19/86 LAST NM 16/88		(MCNM8107/88; 21/88 Malaysia) 24/88
	Delete	(Panel B) Buoy	1°20'24"N 104°16'48"E
	Substitute	Depth 47 meters Wk for 4.7 meters Wks	1°20.6'N 104°22.7'E
	Add	Buoy BRB, pillar, double ball topmark, Fl(2) 10s	1°20'35"N 104°16'49"E
71240	1Ed. 7/19/86 LAST NM 24/88		(21(181)88 Jakarta) 33/88
	Add	(Panel A) Racon at light	1°17'52"N 103°54'20"E
71240	1Ed. 7/19/86 LAST NM 33/88		(5(87)88 Singapore) 34/88
	Change	(Panel B) Visibility (range) to 22M	1°19.8'N 104°24.3'E
71240	1Ed. 7/19/86 LAST NM 34/88		(7(122)88 Singapore) 36/88
	Add	(Panel A) Racon at light	1°11'04"N 103°53'00"E
71240	1Ed. 7/19/86 LAST NM 36/88		(MCNM8073/88) 41/88
	Substitute	(Panel A) Depths 6.1 meters for 5.8 meters 1.6 meters Rk for 2 meters	1°16'00"N 103°47'38"E 1°15'17"N 103°50'42"E
		Foul ground symbol for danger circle "Obstr Rep (1987)" (See 49/87, 11/88-71240)	1°10'40"N 103°51'44"E
	Add	Depth 37 meters Wk	1°11'13"N 103°50'03"E
	Add	(Panel B) Dangerous wreck	1°16'00"N 104°15'00"E

71240	1Ed. 7/19/86 LAST NM 41/88			(32(955)88 Tokyo) 43/88
		(Panel A)		
	Change	Beacon "Buffalo Rock" to BY, double cone topmark points upward, Q 13m 8M		1°09.4'N 103°48.8'E
71240	1Ed. 7/19/86 LAST NM 43/88			(10(147, 148)88 Singapore) 47/88
		(Panel A)		
	Change	Legend "067°25'" to "068°26'"		1°10'58"N 103°46'14"E
	Add	Beacon YBY, double cone topmark points together		1°17'04"N 103°45'15"E
71240	1Ed. 7/19/86 LAST NM 47/88			(43(3217)88 Taunton) 1/89
		(Panel B)		
	Delete	Dangerous wreck (See 41/88-71240)		1°16'00"N 104°15'00"E
71240	1Ed. 7/19/86 LAST NM 1/89			(BA LL; 11(167)88 Singapore) 4/89
		(Panel A)		
	Delete	Light from beacon		1°17.7'N 103°53.2'E
	Add	Depth 26.3 meters Wk		1°14'05"N 103°49'36"E
71240	1Ed. 7/19/86 LAST NM 4/89			(12(190, 193-195)88 Singapore; Sing CH 501) 6/89
		(Panel A)		
	Delete	Beacon		1°11'43"N 103°52'27"E
		Buoys		1°11'39"N 103°52'40"E 1°09'33"N 103°55'08"E
	Substitute	Beacon BRB, double ball topmark, Q(2) 6s 8m 6M for light		1°08'27"N 103°55'03"E
		Buoy G, conical, cone topmark, Fl G 5s for light		1°08'08"N 103°55'12"E
	Add	Buoy BRB, pillar, double ball topmark, Fl(2) 5s Racon		1°11'46"N 103°52'25"E
71240	1Ed. 7/19/86 LAST NM 6/89			(10(151)88 Singapore) 12/89
		(Panel A)		
	Add	Buoys, each Y, conical Fl Y 2½s Fl Y 5s		1°15'15"N 103°48'21"E 1°14'05"N 103°49'50"E
71240	1Ed. 7/19/86 LAST NM 12/89			(1(14, 18, 23), 2(40), 3(49), 4(70)89 Singapore) 24/89
		(Panel A)		
	Delete	Racon from buoy (See 6/89-71240)		1°11.7'N 103°52.4'E
		Light		1°07.5'N 103°55.5'E
	Add	Wreck		1°11'59"N 103°54'40"E
		Dangerous wreck		1°11'24"N 103°50'49"E
		(Panels A & B)		
	Delete	Legend "EASTERN SPECIAL PURPOSES ANCHORAGE"		1°17.5'N 103°58.0'E
	Add	Purple dashed lines between		1°17'30"N 103°58'57"E 1°17'30"N 103°56'30"E
		between		1°17'59"N 103°56'30"E 1°17'59"N 103°57'30"E
		Legends "EASTERN SPECIAL PURPOSES A"		1°17'18"N 103°58'00"E
		"EASTERN SPECIAL PURPOSES B"		1°17'50"N 103°58'42"E
		"EASTERN PETROLEUM C"		1°17'50"N 103°57'00"E
★71241	9Ed. 12/3/83	NEW EDITION		(DMAHTC; Indo CH 105; BA LL) 7/84
	Change	Characteristic of buoy to Fl(2) 5s (Previously published 4/84)		1°05'42"N 103°43'36"E
	Delete	Buoy		0°43.8'N 103°36.1'E

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★71241	(Continued) Delete	Legends "Rep Ext (1982)" "unreliable"	7/84 0°57.7′N 103°42.9′E 0°32.7′N 103°45.8′E
	Change	Visibility (range) of light to 22M	1°09.5′N 103°44.4′E
71241	9Ed. 12/3/83 LAST NM 7/84 Change	Characteristic of buoys to L Fl 10s Fl(2) 4s (See 7/84-71241)	(10(294)84 Tokyo) 16/84 1°02.8′N 103°38.9′E 1°05.7′N 103°43.6′E
71241	9Ed. 12/3/83 LAST NM 16/84 Add	Depth 11 fathoms	(42(2741)84 Taunton) 49/84 1°05.65′N 103°43.62′E
71241	9Ed. 12/3/83 LAST NM 49/84 Add	Light Fl(3) 22s 135ft 18M	(51(3421)84 Taunton) 7/85 0°59′44″N 103°26′32″E
71241	9Ed. 12/3/83 LAST NM 7/85 Delete	Light Buoy	(20(1346)85 Taunton; 5(51, 54)85 Singapore) 31/85 1°06.00′N 103°43.09′E 1°09.81′N 103°48.00′E
	Change	Period of buoy to 5s	1°05.70′N 103°43.58′E
	Add	Lights Fl(2) 5s 36ft 8M Q(6) + L Fl 15s 36ft 8M Q(6) + L Fl 15s 36ft 8M	1°09.91′N 103°48.08′E 1°05.79′N 103°43.08′E 1°03.50′N 103°38.89′E
71241	9Ed. 12/3/83 LAST NM 31/85 Add	Racon to lights (See 31/85-71241)	(9(87)85 Singapore) 42/85 1°03.50′N 103°38.89′E 1°05.79′N 103°43.08′E
71241	9Ed. 12/3/83 LAST NM 42/85 Delete	Dangerous wreck "Rep (1980)" (PA)	(42(2810)85 Taunton) 52/85 0°53.8′N 103°37.1′E
	Add	Dangerous wreck	0°53.95′N 103°37.0′E
71241	9Ed. 12/3/83 LAST NM 52/85 Add	Rock which covers and uncovers	(25(263)85 Jakarta) 1/86 0°58′48″N 103°27′33″E
71241	9Ed. 12/3/83 LAST NM 1/86 Delete	Racon from light	(3(41, 48, 49)86 Singapore; BA LL) 16/86 1°03.50′N 103°38.89′E
	Change	Light to Fl 5s 36ft 10M Buoy to N. cardinal buoy: pillar, BY, double cone topmark points upward, Q Light to Fl 4s 98ft 12M	0°51.85′N 103°36.51′E 1°09.90′N 103°40.00′E 0°37.40′N 103°45.40′E
71241	9Ed. 12/3/83 LAST NM 16/86 Relocate	Buoy (1°02.8′N 103°38.9′E) close SW to	(6(91)86 Singapore) 39/86 1°02.79′N 103°38.81′E
71241	9Ed. 12/3/83 LAST NM 39/86 Add	Racon at light (See 16/86-71241)	(9(130)86 Singapore) 41/86 1°03.50′N 103°38.89′E
71241	9Ed. 12/3/83 LAST NM 41/86 Change	Lights to L Fl R 8s 36ft 8M L Fl 8s 36ft 8M	(BA LL) 45/87 0°51.3′N 103°34.2′E 0°44.8′N 103°35.0′E
71241	9Ed. 12/3/83 LAST NM 45/87 Change	Visibility (range) of light to 11M	(8(123)87 Singapore; BA CH 3833) 6/88 1°05.8′N 103°43.2′E
	Add	Calling-in point symbol "MW1" with direction pointer 120° Note "RADIO REPORTING Vessels are required to communicate with Singapore Port Operations Service when passing point indicated. See Sailing Directions for working details."	1°07.9′N 103°29.9′E 0°41.0′N 103°26.0′E
71241	9Ed. 12/3/83 LAST NM 6/88 Change	Visibility (range) of light to 11M	(BA LL) 12/88 1°09.9′N 103°48.1′E
71241	9Ed. 12/3/83 LAST NM 12/88 Delete	Buoy	(4(63), 5(77)88 Singapore) 32/88 1°09.9′N 103°40.0′E

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71241	(Continued)		
	Change	Light to Fl 3s 46ft 7M	32/88 1°09.1'N 103°39.3'E
71241	9Ed. 12/3/83 LAST NM 32/88		
	Change	Characteristic of light to Fl(3) 20s	(6(93)88 Singapore) 34/88 1°09.5'N 103°44.4'E
71241	9Ed. 12/3/83 LAST NM 34/88		
	Substitute	Beacon "Buffalo Rock" BY, double cone topmark points upward, Q 13m 8M for light	(32(955)88 Tokyo) 43/88 1°09.4'N 103°43.8'E
71241	9Ed. 12/3/83 LAST NM 43/88		
	Substitute	Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s Racon for light	(32(955)88 Tokyo) 46/88 1°03.5'N 103°38.8'E
★71243	4Ed. 1/25/86	NEW EDITION	
	Add	Lights Fl(2) R 10s 7m 10M Fl 15s 5m 10M (Previously published 15/86)	(DMAHTC) 19/86 0°47.06'N 104°35.20'E 0°47.39'N 104°35.40'E
71243	4Ed. 1/25/86 LAST NM 19/86		
	Add	Depth 10 fathoms	(BA CH 3948) 20/86 0°30.50'N 104°02.91'E
71243	4Ed. 1/25/86 LAST NM 20/86		
	Add	Light Fl 2s 12m 8M	(13(157)86 Jakarta) 25/86 1°02'46"N 104°13'18"E
71243	4Ed. 1/25/86 LAST NM 25/86		
	Change	Lights to Fl(2) 10s 14m 10M Fl 5s 12m 10M (See 19/86-71243)	(BA LL) 26/86 0°47.06'N 104°35.20'E 0°47.39'N 104°35.40'E
71243	4Ed. 1/25/86 LAST NM 26/86		
	Change	Buoy to BYB, pillar, double cone topmark bases together, Q(3) 10s	(15(1115)86 Taunton) 27/86 0°51.6'N 104°18.5'E
71243	4Ed. 1/25/86 LAST NM 27/86		
	Delete	Purple outline of chart 71249 joining	(DMAHTC) 46/86 1°10.0'N 104°25.0'E 1°07.2'N 104°25.0'E 1°07.2'N 104°01.5'E
71243	4Ed. 1/25/86 LAST NM 46/86		
	Change	Characteristic of light to Fl 6s	(BA LL) 3/88 1°09.5'N 104°11.6'E
71243	4Ed. 1/25/86 LAST NM 3/88		
	Change	Period of light to 5s	(1(30)88 Singapore) 11/88 1°09.5'N 104°11.6'E
71243	4Ed. 1/25/86 LAST NM 11/88		
	Add	Buoy R, pillar, Fl 3s	(27(232)88 Jakarta) 36/88 0°51'09"N 104°24'33"E
★71244	3Ed. 10/24/81	NEW EDITION	
		(Plan)	(DMAHTC; 20(215)80 Jakarta) 51/81
	Add	Light Fl 4s 10m 6M	1°07'40.0"N 103°55'36.0"E
71244	3Ed. 10/24/81 LAST NM 51/81		
	Change	Characteristic of buoy to L Fl 10s	(11(102)82 Jakarta) 45/82 1°09'35"N 103°55'02"E
71244	3Ed. 10/24/81 LAST NM 45/82		
	Change	Light to Fl(2) 10s 10m 6M	(2(24)83 Singapore) 39/83 1°11'06"N 103°53'05"E
71244	3Ed. 10/24/81 LAST NM 39/83		
	Change	Light to Fl G 5s 7m 6M	(Indo LL) 49/83 1°10'07"N 103°52'57"E
71244	3Ed. 10/24/81 LAST NM 49/83		
	Add	Depth 15.8 meters	(Sing CH 502) 18/84 1°10'10"N 103°54'46"E
		(And Plan)	
	Add	Depth 6.5 meters	1°08'54"N 103°54'28"E
71244	3Ed. 10/24/81 LAST NM 18/84		
	Change	Period of light to 5s Characteristic of light to Iso 3s Characteristic of buoy to Fl 4s	(45(2995)85 Taunton) 5/86 1°07.7'N 103°55.3'E 1°10.4'N 104°00.6'E 1°10.3'N 103°58.9'E

71244	3Ed. 10/24/81 LAST NM 5/86		(45(2995)85 Taunton) 15/86
		(Plan)	
	Change	Period of light to 5s	1°07'42"N 103°55'18"E
		(See 5/86-71244)	
71244	3Ed. 10/24/81 LAST NM 15/86		(10(134)86 Singapore) 52/86
	Change	Light to Fl 10s 11M	1°11.1'N 103°53.1'E
71244	3Ed. 10/24/81 LAST NM 52/86		(Sing CH 302) 44/87
	Add	Depth 14.9 meters	1°10'45"N 103°54'48"E
71244	3Ed. 10/24/81 LAST NM 44/87		(BA CH 3833) 47/87
	Add	Light FR	1°00'52"N 103°55'50"E
71244	3Ed. 10/24/81 LAST NM 47/87		(12(193-195)88 Singapore) 6/89
	Delete	Buoy	1°09.6'N 103°55.2'E
		(And Plan)	
	Substitute	Beacon BRB,	
		double ball topmark,	
		Q(2) 6s 6M for light	1°08'31.5"N 103°55'04.7"E
		Buoy G, conical, cone topmark,	
		Fl G 5s for light	1°08'06.2"N 103°55'18.0"E
71244	3Ed. 10/24/81 LAST NM 6/89		(4(70)89 Singapore) 24/89
		(And Plan)	
	Delete	Light	1°07'40"N 103°55'36"E
*71247	15Ed. 5/25/85	NEW EDITION	(DMAHTC; NVS7377/85; Sing CH SP1, 103) 43/85
	Delete	Lights	1°17'03.5"N 103°51'59.9"E
			1°17'01.8"N 103°52'13.0"E
			1°16'43.9"N 103°52'19.9"E
		Buoys	1°14'22.0"N 103°50'41.5"E
			1°14'27.7"N 103°50'46.3"E
			1°16'01.0"N 103°51'39.0"E
	Change	Legend "Tanjung" to "Tanjong"	1°16'02.1"N 103°50'59.0"E
		Period of light to 5s	1°13'35.0"N 103°50'47.5"E
		Characteristic of lights to Fl R 2.5s	1°13'34.0"N 103°49'33.8"E
		Fl G 5s	1°15'35.5"N 103°48'22.4"E
		Lights to Fl G 2.5s 8m 5M	1°14'57.4"N 103°48'52.7"E
		Fl(3) G 15s 3m 4M	1°15'10.0"N 103°50'38.9"E
		Fl(3) R 15s 4m 4M	1°15'13.7"N 103°50'31.6"E
		Characteristic of buoys	
		"Renggis" to Fl(3) G 15s	1°15'38.2"N 103°48'52.2"E
		"W Meander" to Fl(3) R 15s	1°15'39.9"N 103°49'18.1"E
		"Brani" to Fl(2) R 10s	1°15'41.3"N 103°50'13.1"E
		"Gaja" to Fl R 5s	1°15'28.1"N 103°50'28.6"E
		"Buran" to Fl(3) R 15s	1°15'18.0"N 103°50'59.0"E
		"E Buran" to Fl R 5s	1°14'38.8"N 103°50'38.9"E
		"SE Buran" to Fl G 5s	1°14'28.0"N 103°50'36.2"E
		"Kusu" to Fl R 2.5s	1°13'31.2"N 103°51'26.3"E
		"Main Fairway" to Iso 5s	1°14'31.4"N 103°51'54.4"E
		"Sirdhana" to Fl(2) G 15s	1°14'40.0"N 103°52'39.4"E
		"SW Corridor" to Fl R 2.5s	1°14'26.1"N 103°54'02.8"E
		(undesignated) to Fl G 2.5s	1°14'48.5"N 103°55'37.2"E
		and add legend "Mano II"	
		"S Siglap" to Fl Y 2.5s	1°17'21.7"N 103°56'29.7"E
		(undesignated) to Iso 5s	1°16'06.2"N 103°54'51.9"E
		and add legend "Timor"	
		"Pagar" to Fl(3) G 10s	1°16'01.5"N 103°51'18.1"E
		(undesignated) to Iso 5s	1°17'14.5"N 103°51'37.8"E
		Buoys to	
		"N Kallang", G, conical, Fl(3) G 15s	1°17'19.7"N 103°52'02.1"E
		"Singa", R, can, Fl R 2.5s	1°16'33.0"N 103°52'25.5"E
		"Kuala", G, conical, Fl G 2.5s	1°16'40.1"N 103°52'37.2"E
	Add	Buoys, Y, conical, Fl Y 2.5s	1°17'05.0"N 103°53'01.0"E
			1°17'19.8"N 103°53'26.9"E
			1°17'35.4"N 103°53'51.8"E

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★71247 (Continued)

Add

Lights "S Kallang" Fl G 5s 5m 3M — 43/85
"S Marina" Fl R 5s 5m 3M — 1°16′48.5″N 103°52′33.1″E
"Kallang" Fl(2) G 10s 5m 3M — 1°16′41.9″N 103°52′21.6″E
"Marina" Fl(2) R 10s 5m 3M — 1°16′58.9″N 103°52′19.8″E
"N Marina" Fl(3) R 15s 5m 3M — 1°16′55.9″N 103°52′10.9″E
"Stamford" Dir Fl RWG 2.5s 10m 5M with sectors green 306°30′-311°30′, white-316°30′, red-321°30′ — 1°17′02.0″N 103°51′59.9″E

Legend "Outer Shoal" to light — 1°17′19.1″N 103°51′45.6″E
Legend "Note No 5" — 1°15′01.1″N 103°51′45.6″E
Note "5. Restricted Area (1°15′41.2″N 103°49′11.4″E): Prohibited to vessels over 52 meters high. Vessels in excess of 48 meters but not more than 52 meters in height must obtain written permission from the Port Master to enter, remain in or move from the area." — 1°15′41.2″N 103°49′09.0″E

1°17′32.0″N 103°50′29.0″E

71247 15Ed. 5/25/85 LAST NM 43/85

Delete — Light "Stamford" (See 43/85-71247) — (5(57)85 Singapore) 47/85 1°17′19.1″N 103°51′45.6″E

Add — Light Dir Fl RWG 2.5s 10m 5M with legend "Stamford" and sectors green 306°30′-311°30′, white-316°30′, red-321°30′ (See 43/85-71247) — 1°17′19.1″N 103°51′52.8″E

71247 15Ed. 5/25/85 LAST NM 47/85

Delete — Buoys — (41(2733)85 Taunton) 50/85 1°13′52″N 103°56′38″E 1°13′39″N 103°56′38″E

71247 15Ed. 5/25/85 LAST NM 50/85

Add — Depth 15.2 meters Obstr — (12(111)85 Singapore) 11/86 1°16′43″N 103°53′07″E

71247 15Ed. 5/25/85 LAST NM 11/86

Change — Legends "9.4m" to "10.5m" — (3(42, 55)86 Singapore) 16/86 1°16′02.0″N 103°50′03.0″E
"10m" to "10.5m" — 1°16′02.0″N 103°50′07.0″E
"10m" to "10.6m" — 1°16′02.0″N 103°50′12.0″E
"10m" to "10.6m" — 1°16′02.0″N 103°50′17.0″E
Shape of buoy "N Kallang" to pillar (See 43/85-71247) — 1°17′19.7″N 103°52′02.1″E

71247 15Ed. 5/25/85 LAST NM 16/86

Delete — Dangerous wreck — (15(1114)86 Taunton) 27/86 1°13′45″N 103°56′39″E

71247 15Ed. 5/25/85 LAST NM 27/86

Add — Chartlets, depicting changes in hydrography and aids to navigation, from back of Section I — (Sing CH 103; BA CH 2023; 1(22)85 Singapore) 28/86

(A) — 1°16′27″N 103°49′06″E
(B) — 1°16′27″N 103°50′48″E
(C) — 1°15′24″N 103°49′06″E
(D) — 1°15′24″N 103°50′48″E

71247 15Ed. 5/25/85 LAST NM 28/86

Change — Legends "10.3m" to "10.5m" — (3(42), 5(75)86 Singapore) 29/86 1°16′02.0″N 103°50′03.0″E
"10.6m" to "10.5m" — 1°16′02.0″N 103°50′07.0″E
"10.3m" to "10.6m" — 1°16′02.0″N 103°50′12.0″E
"10m" to "10.6m" — 1°16′02.0″N 103°50′17.0″E
"9.4m" to "9.9m" — 1°15′46.5″N 103°49′22.9″E
"10.1m" to "10m" — 1°15′50.0″N 103°49′34.2″E
"10.1m" to "10m" — 1°15′52.5″N 103°49′38.7″E
"10.5m" to "10.8m" — 1°16′00.0″N 103°49′52.3″E
"8.5m" to "8.4m" — 1°16′10.2″N 103°49′55.8″E
"7.2m" to "7.1m" — 1°16′12.0″N 103°50′14.3″E
"8.4m" to "8.3m" — 1°16′09.4″N 103°50′16.7″E
(See 28/86-71247)

Add — Legend "5.6m" (See 28/86-71247) — 1°16′10.7″N 103°50′19.2″E

71247 15Ed. 5/25/85 LAST NM 29/86

Delete — Composite line between — (8(111, 114)86 Singapore) 37/86 1°16′02″N 103°49′55″E 1°15′48″N 103°49′56″E

(See 28/86-71247)

(continued on next page)

71247	(Continued)		37/86
	Change	Legend to "13.3m (1986)"	1°16'08"N 103°51'11"E
		(See 28/86-71247)	
	Add	Purple composite line (restricted area limit) between	1°16'02"N 103°50'00"E
			1°15'47"N 103°49'58"E
		(See 28/86-71247)	
71247	15Ed. 5/25/85 LAST	NM 37/86	(7(99)86 Singapore) 38/86
	Add	Depth 16.5 meters Wk	1°17'25"N 103°55'28"E
71247	15Ed. 5/25/85 LAST	NM 38/86	(7(102)86 Singapore) 39/86
	Change	Legends "7.1m" to "7m"	1°16'12.0"N 103°50'14.3"E
		"6.3m" to "6.4m"	1°16'11.7"N 103°50'10.3"E
		(See 28/86, 29/86-71247)	
71247	15Ed. 5/25/85 LAST	NM 39/86	(9(122)86 Singapore) 41/86
	Change	Legends	
		"12.4m" to "12.6m (1986)"	1°16'16"N 103°51'06"E
		"12.4m" to "12.2m (1986)"	1°15'54"N 103°51'06"E
		"13.2m (1983)" to "13.2m (1986)"	1°15'41"N 103°51'00"E
		(See 28/86-71247)	
71247	15Ed. 5/25/85 LAST	NM 41/86	(10(135)86 Singapore) 52/86
	Change	Legends	
		"10.1m" to "10m (1986)"	1°15.8'N 103°50.7'E
		"10.2m" to "10m (1986)"	1°15.9'N 103°50.7'E
		"12.5m (1983)" to "12.8m (1986)"	1°15.9'N 103°50.8'E
		"12.6m (1983)" to "13.1m (1986)"	1°15.8'N 103°50.9'E
		(See 28/86-71247)	
71247	15Ed. 5/25/85 LAST	NM 52/86	(11(142)86 Singapore) 6/87
	Change	Legends "12.4m" to "12.4m (1986)"	1°16'05"N 103°51'06"E
		"9m" to "9.5m (1986)"	1°15'44"N 103°51'05"E
71247	15Ed. 5/25/85 LAST	NM 6/87	(12(151)86 Singapore; Sing CH 60) 11/87
	Delete	Depths 10.9 meters	1°15'48"N 103°50'45"E
		11.8 meters	1°15'48"N 103°50'47"E
		10.7 meters	1°15'45"N 103°50'47"E
		11.1 meters	1°15'43"N 103°50'49"E
		8.8 meters	1°15'42"N 103°50'45"E
		(See 28/86-71247)	
	Add	Depths 13.6 meters	1°15'48.4"N 103°50'46.2"E
		12.4 meters	1°15'46.5"N 103°50'46.5"E
		12.6 meters	1°15'43.5"N 103°50'47.1"E
		16.4 meters	1°15'42.3"N 103°50'46.6"E
		(See 28/86-71247)	
71247	15Ed. 5/25/85 LAST	NM 11/87	(12(159)86, 1(20), 2(33, 40)87 Singapore) 12/87
	Delete	Buoy	1°15'49"N 103°48'25"E
		(See 28/86-71247)	
	Substitute	Depth 1.9 meters 2.4 meters	1°15'24"N 103°49'33"E
		(See 28/86-71247)	
	Add	Light (AERO) Fl 2s 230m 14M	1°17'45"N 103°51'13"E
		Buoy, Y, can, Fl Y 4s	1°15'51"N 103°48'29"E
		Buoys (mooring)	1°16'11"N 103°51'20"E
			1°16'09"N 103°51'22"E
			1°16'08"N 103°51'24"E
		(See 28/86-71247)	
71247	15Ed. 5/25/85 LAST	NM 12/87	(9(670)87 Taunton) 17/87
	Add	Lights F	1°15'41"N 103°51'07"E
			1°15'38"N 103°51'04"E
		(See 28/86-71247)	
71247	15Ed. 5/25/85 LAST	NM 17/87	(3(48)87 Singapore) 20/87
	Substitute	Depth 14.9 meters Wk for 15.2 meters Obstr	1°16'43"N 103°53'07"E
71247	15Ed. 5/25/85 LAST	NM 20/87	(4(61, 62)87 Singapore) 25/87
	Change	Legends	
		"12.2m (1986)" to "12.6m (1986)"	1°15'55"N 103°51'06"E
		"12.4m (1986)" to "12.6m (1986)"	1°16'05"N 103°51'06"E
		(See 28/86, 6/87-71247)	

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71247	(Continued)		
	Add	Position circle with legend "Piles, Dries 3.2m" (See 28/86-71247)	25/87 1°15'41.5"N 103°49'39.0"E
71247	15Ed. 5/25/85 LAST NM 25/87		
	Change	Legends "10m" to "10.1m" "13.3m (1986)" to "12.9m (1987)" (See 28, 29, 37/86-71247)	(5(79-81)87 Singapore) 28/87 1°15'52.5"N 103°49'38.7"E 1°16'08.0"N 103°51'11.0"E
	Add	Legend "12.2m"	1°15'49"N 103°51'07"E
71247	15Ed. 5/25/85 LAST NM 28/87		
	Delete	Depth 5 meters	(86, 90-92, 99/87 Singapore) 29/87 1°17'14"N 103°53'35"E
		Buoys (mooring)	1°15'35"N 103°49'07"E 1°15'33"N 103°49'14"E
		(See 28/86-71247)	
	Add	Depths 6 meters Foul 13.4 meters Foul 0.2 meter Obstr 4.1 meters Rk	1°17'14.9"N 103°53'35.8"E 1°16'38.0"N 103°52'37.8"E 1°17'08.0"N 103°51'17.3"E 1°17'08.8"N 103°53'18.8"E
		Buoys (mooring)	1°15'36.0"N 103°49'11.9"E 1°15'33.0"N 103°49'12.0"E 1°15'34.5"N 103°49'09.2"E
		(See 28/86-71247)	
71247	15Ed. 5/25/85 LAST NM 29/87		
	Delete	Purple dashed line joining	(7(101, 106, 107)87 Singapore) 35/87 1°16.5'N 103°52.4'E 1°16.0'N 103°52.0'E 1°16.1'N 103°51.7'E 1°16.0'N 103°51.6'E
		(See 28/86-71247)	
		Swept depth 8.8 meters Wk	1°16.2'N 103°53.7'E
	Add	Buoy (mooring) (See 28/86-71247)	1°15'35.5"N 103°49'08.6"E
		Depth 10.6 meters Wk	1°15'15.2"N 103°53'40.5"E
71247	15Ed. 5/25/85 LAST NM 35/87		
	Delete	Purple dashed line between	(BA CH 2015) 39/87 1°13'19"N 103°49'01"E 1°12'45"N 103°49'01"E
71247	15Ed. 5/25/85 LAST NM 39/87		
	Substitute	Depth 43 meters Wk for dangerous wreck	(BA CH 2556) 50/87 1°15'05"N 103°54'45"E
71247	15Ed. 5/25/85 LAST NM 50/87		
	Substitute	Depth 43 meters Wk for 30 meters Wk (unsurveyed)	(Sing CH 502) 52/87 1°14'49"N 103°55'35"E
71247	15Ed. 5/25/85 LAST NM 52/87		
	Change	Shape of buoys to pillar	(5(78), 8(118)87 Singapore) 6/88 1°17'05"N 103°53'01"E 1°17'20"N 103°53'27"E 1°17'35"N 103°53'52"E
	Add	Wreck	1°13'54"N 103°49'42"E
71247	15Ed. 5/25/85 LAST NM 6/88		
	Relocate	Beacon "Outer Shoal" close SE to	(1(26)88 Singapore) 11/88 1°14'59.5"N 103°51'46.8"E
71247	15Ed. 5/25/85 LAST NM 11/88		
	Change	Characteristic of light to Fl Y 2.5s	(BA LL) 12/88 1°17.9'N 103°54.3'E
71247	15Ed. 5/25/85 LAST NM 12/88		
	Delete	Light	(2(37)88 Singapore) 15/88 1°15'46"N 103°50'43"E
71247	15Ed. 5/25/85 LAST NM 15/88		
	Delete	Buoy "Mano II" Depth 10.6 meters Wk (See 35/87-71247)	(6(83)86, 7(106)87 Singapore) 18/88 1°14.8'N 103°55.6'E 1°15'15.2"N 103°53'40.5"E
	Add	Depth 10.6 meters Wk	1°16'15.2"N 103°53'40.5"E

71247 15Ed. 5/25/85 LAST NM 18/88 (Sing CH 302; 1(19)88 Singapore) 24/88

Delete	Buoys "N Siglap"	1°17′59″N 103°55′34″E
	"S Siglap"	1°17′22″N 103°56′30″E
	Purple dashed lines joining	1°18′17″N 103°57′10″E
		1°18′17″N 103°56′30″E
		1°17′59″N 103°56′30″E
		1°17′59″N 103°54′59″E
	between	1°17′59″N 103°55′34″E
		1°17′22″N 103°55′34″E
	between	1°17′22″N 103°54′59″E
		1°17′22″N 103°56′30″E
	between	1°16′06″N 103°54′52″E
		1°14′56″N 103°56′06″E
	between	1°15′25″N 103°53′48″E
		1°14′19″N 103°54′57″E
	joining	1°16′42″N 103°52′34″E
		1°16′59″N 103°52′47″E
		1°16′59″N 103°53′05″E
	Legends "EASTER PETROLEUM ANCHORAGES (B)"	1°17′11″N 103°55′49″E
	"SMALL CRAFT ANCHORAGE"	1°17′38″N 103°55′16″E
	"LAID UP VESSELS ANCHORAGE"	1°17′38″N 103°56′00″E
Add	Purple dashed lines between	1°18′12.2″N 103°57′10.0″E
		1°17′21.8″N 103°54′58.8″E
	between	1°17′45.2″N 103°55′59.5″E
		1°16′36.8″N 103°55′59.5″E
	between	1°16′00.0″N 103°51′40.0″E
		1°16′33.0″N 103°52′25.5″E
	between	1°16′40.0″N 103°52′37.5″E
		1°16′58.9″N 103°53′05.5″E
	joining	1°16′06.0″N 103°54′52.0″E
		1°15′02.5″N 103°56′03.1″E
		1°14′25.0″N 103°54′52.4″E
		1°15′24.5″N 103°53′47.5″E
	Buoy "Siglap" Y, pillar, Fl Y 2½s	1°17′57.0″N 103°56′29.5″E
	Legends "SMALL CRAFT ANCHORAGE"	1°17′12.0″N 103°55′37.0″E
	"LAID UP VESSELS ANCHORAGE"	1°17′09.0″N 103°56′16.0″E

71247 15Ed. 5/25/85 LAST NM 24/88 (4(64)88 Singapore) 32/88

Delete	Depth 0.2 meter Obstr	1°17′08.0″N 103°51′17.3″E

71247 15Ed. 5/25/85 LAST NM 32/88 (21(181)88 Jakarta) 33/88

Add	Racon at light	1°17′52″N 103°54′20″E

71247 15Ed. 5/25/85 LAST NM 33/88 (24(1827)88 Taunton) 34/88

Delete	Buoys "Finger Pier"	1°16′15″N 103°51′13″E
	"Buran"	1°15′18″N 103°50′59″E
	(See 28/86-71247)	
Relocate	Buoy "Pagar" close S to	1°16′01.0″N 103°51′18.0″E
	(See 28/86-71247)	
Add	Buoys "Finger Pier" Y, pillar, Fl Y 5s	1°16′11.5″N 103°51′13.2″E
	"Buran" R, can, Fl R 5s	1°15′11.0″N 103°50′59.5″E
	(See 28/86-71247)	

71247 15Ed. 5/25/85 LAST NM 34/88 (7(104)88 Singapore) 36/88

Add	Buoy "Kukor" R, can, Fl(3) R 15s	1°14′24.5″N 103°51′19.2″E

71247 15Ed. 5/25/85 LAST NM 36/88 (8(124, 131)88 Singapore) 41/88

Substitute	Depth 1.6 meters Rk for 2 meters	1°15′16″N 103°50′42″E
	(See 28/86-71247)	

(Continued on next page)

71247	(Continued)		
	Change	Period of buoy to 2½s (See 34/88-71247)	41/88 1°15'11.0"N 103°50'59.5"E
71247	15Ed. 5/25/85 LAST NM 41/88		
	Substitute	Light Fl 2½s 4m 4M for buoy (See 28/86-71247)	(10(149, 151)88 Singapore) 47/88 1°15'11.0"N 103°50'59.5"E
	Add	Buoys, each Y, conical Fl Y 2½s Fl Y 5s	1°15'15.3"N 103°48'21.0"E 1°14'04.8"N 103°49'46.4"E
71247	15Ed. 5/25/85 LAST NM 47/88		
	Delete	Light from beacon	(BA LL: 11(167, 175)88 Singapore) 4/89 1°17'39"N 103°53'10"E
	Add	Depth 26.3 meters Wk	1°14'05"N 103°49'36"E
71247	15Ed. 5/25/85 LAST NM 4/89		
	Delete	Depth 16.5 meters Wk	(5(409)89 Taunton) 14/89 1°17'25"N 103°55'28"E
71247	15Ed. 5/25/85 LAST NM 14/89		
	Delete	Legend "EASTERN SPECIAL PURPOSES ANCHORAGE"	(1(15, 23), 4(62)89 Singapore) 24/89 1°17'42"N 103°56'49"E
		Position circle "WATER TR (54)" (See 28/86-71247)	1°15'34"N 103°50'00"E
	Substitute	Depth 4.2 meters for 1.8 meters and delete enclosing depth contour (2 meters)	1°14'10"N 103°50'05"E
	Add	Purple dashed lines between	1°17'30"N 103°56'30"E 1°17'30"N 103°57'10"E
		between	1°17'59"N 103°56'36"E 1°17'59"N 103°57'10"E
		Legends "EASTERN PETROLEUM C" "EASTERN SPECIAL PURPOSES A"	1°17'42"N 103°56'49"E 1°17'06"N 103°56'49"E

★71250	1Ed. 7/19/86	NEW CHART	(DMAHTC: HNNM 7662/86) 48/86
		(Panel A)	
	Delete	Light	1°12'43"N 103°35'47"E
	Change	Designation of buoy (mooring) "PSA SBM" to "PSA SPM"	1°13'03"N 103°39'55"E
		Line 4 of notes to "Selat Pesek 12.4m"	1°27'14"N 103°35'28"E
		Note to "NOTE The areas tinted green were swept in 1933 to a depth of 14 meters."	1°25'30"N 103°35'30"E
	Add	Light (articulated) Fl Y 5s 9m 5M	1°12'43"N 103°35'47"E
		Heavy purple dashed lines between	1°13'26"N 103°46'41"E 1°12'32"N 103°47'35"E
		between	1°12'13"N 103°47'49"E 1°11'17"N 103°48'42"E
		(Panel B)	
	Change	Lights to Fl 10s 150m 22M Fl 2s 6m 8M	1°28.2'N 103°15.3'E 1°12.7'N 102°09.8'E
		Height of light to 15m	1°14.6'N 102°30.7'E
71250	1Ed. 7/19/86 LAST NM 48/86		(5(69)86 Singapore) 2/87
		(Panel A)	
	Change	Light to Fl 10s 150m 22M	1°28.2'N 103°15.4'E
71250	1Ed. 7/19/86 LAST NM 2/87		(11(144, 145)86 Singapore) 5/87
		(Panels A & B)	
	Add	Dangerous wreck (PA) Wreck	1°11'50"N 103°25'42"E 1°10'48"N 103°25'36"E

71250	1Ed. 7/19/86 LAST NM 5/87		(12(154, 159)86 Singapore; BA LL) 12/87
		(Panel A)	
	Add	Light (AERO) Fl 182m 12M	1°16.8′N 103°43.5′E
		Depth 18.8 meters	1°12.3′N 103°40.6′E
71250	1Ed. 7/19/86 LAST NM 12/87		(8(65)87 Jakarta; 12(933)87 Taunton) 18/87
		(Panel A)	
	Add	Light Fl 3s 15m 10M	1°15′31″N 103°30′37″E
71250	1Ed. 7/19/86 LAST NM 18/87		(3(52)87 Singapore) 20/87
		(Panels A & B)	
	Delete	Dangerous wreck (PA)	1°11′50″N 103°25′42″E
		(See 5/87-71250)	
71250	1Ed. 7/19/86 LAST NM 20/87		(15/87 Malaysia) 25/87
		(Panel A)	
	Add	Racon at light	1°15′31″N 103°30′37″E
		(See 18/87-71250)	
71250	1Ed. 7/19/86 LAST NM 25/87		(45(516)86 Jakarta) 28/87
		(Panels A & B)	
	Add	Dangerous wreck (PA)	1°11′54″N 103°25′39″E
		(See 20/87-71250)	
71250	1Ed. 7/19/86 LAST NM 28/87		(88/87 Singapore) 30/87
		(Panel A)	
	Delete	Danger circle "Obstr"	1°11.6′N 103°39.5′E
71250	1Ed. 7/19/86 LAST NM 30/87		(46(3517)87 Taunton) 1/88
		(Plan A)	
	Delete	Purple dashed line joining	1°16.5′N 103°44.3′E
			1°15.8′N 103°43.8′E
			1°14.9′N 103°42.0′E
	Change	Open-outlined arrows to open-outlined dashed arrows	1°13.3′N 103°40.7′E
			1°14.6′N 103°43.0′E
		Lines 19-21 of cautions note to "established in Jong Fairway south of 1°13′N approximately. However, inward-bound deep draft ships may be encountered in the outward-bound channel."	1°21.0′N 103°42.8′E
	Add	Purple dashed line (outside limit of traffic lane) joining	1°16′12″N 103°44′36″E
			1°15′38″N 103°43′47″E
			1°14′50″N 103°42′03″E
71250	1Ed. 7/19/86 LAST NM 1/88		(47(3565)87 Taunton) 4/88
		(Panels A & B)	
	Delete	Dangerous wreck (PA)	1°11′54″N 103°25′39″E
		(See 28/87-71250)	
71250	1Ed. 7/19/86 LAST NM 4/88		(8(119)87 Singapore; BA CH 3833) 6/88
		(Panel A)	
	Substitute	Depth 4.5 meters for 4.9 meters	1°12.0′N 103°46.9′E
	Add	Calling-in point symbol "MW1" with direction pointer 120°	1°07.9′N 103°29.9′E
		Note "RADIO REPORTING Vessels are required to communicate with Singapore Port Operations Service when passing point indicated. See Sailing Directions for working details."	1°24.0′N 103°30.0′E
71250	1Ed. 7/19/86 LAST NM 6/88		(BA LL) 12/88
		(Panel A)	
	Change	Visibility (range) of light to 11M	1°09.8′N 103°48.2′E

71250	1Ed. 7/19/86 LAST	NM 12/88 (Panel A)		(22/88 Malaysia) 24/88
	Add	Buoys, each Y, pillar,		
		No 1, Fl(2) Y 10s		1°13.49'N 103°34.54'E
		No 2, Fl Y 5s		1°14.99'N 103°28.89'E
		Note: Buoys mark West Johor port limit		
71250	1Ed. 7/19/86 LAST	NM 24/88 (Panel A)		(4(63), 5(77)88 Singapore) 32/88
	Delete	Buoy		1°09.9'N 103°39.4'E
	Substitute	Light Fl 3s 14m 7M for beacon		1°09.1'N 103°39.3'E
	Add	Beacon (articulated), "Nipa" BY, double cone topmark points upward, Q 11M		1°10.20'N 103°39.71'E
71250	1Ed. 7/19/86 LAST	NM 32/88		(BA CH 3833) 37/88
	Change	Visibility (range) of beacon to 11M and add Racon		1°03.6'N 103°38.9'E
71250	1Ed. 7/19/86 LAST	NM 37/88 (Panel B)		(Sing CH 201) 43/88
	Relocate	Light close NE to (PA)		1°50.7'N 102°42.3'E
71250	1Ed. 7/19/86 LAST	NM 43/88 (Panel A)		(41/88 Malaysia: 32(955)88 Tokyo) 45/88
	Delete	Buoys "No 1"		1°13.5'N 103°34.5'E
		"No 2"		1°15.0'N 103°28.9'E
		(Cancels 24/88-71250)		
	Substitute	Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s Racon for light		1°03.6'N 103°39.0'E
71250	1Ed. 7/19/86 LAST	NM 45/88 (Panel B)		(10(162)88 Singapore) 47/88
	Change	Characteristic of light to Fl 15s		2°02.9'N 102°19.8'E
71250	1Ed. 7/19/86 LAST	NM 47/88 (Panels A & B)		(43(3214)88 Taunton) 1/89
	Add	Dangerous wreck (PA)		1°15'54"N 103°19'36"E
71250	1Ed. 7/19/86 LAST	NM 1/89 (Panel A)		(11(167)88 Singapore) 4/89
	Add	Depth 26.3 meters Wk		1°14.1'N 103°49.6'E
71250	1Ed. 7/19/86 LAST	NM 4/89 (Panel B)		(BA LL) 22/89
	Change	Visibility (range) of light to 16M		2°02.9'N 102°19.8'E
★**71251**	9Ed. 5/24/86	NEW EDITION		(DMAHTC) 32/86
71251	9Ed. 5/24/86 LAST	NM 32/86		(6(86)86, 7(101)86 Singapore) 39/86
	Delete	Buoys "A"		1°25'53"N 103°52'52"E
		"D"		1°25'30"N 103°53'22"E
		Works in progress (1985) area centered		1°25'30"N 103°52'54"E
	Add	Buoys, each yellow can,		
		Fl Y 5s		1°26'11.5"N 103°52'32.5"E
		Fl Y 2½s		1°25'18.7"N 103°53'55.5"E
		Dashed line joining		1°25'33.0"N 103°51'49.5"E
				1°26'11.5"N 103°52'32.5"E
				1°25'18.7"N 103°53'55.5"E
				1°24'52.5"N 103°53'55.5"E
				1°24'47.5"N 103°53'40.8"E
		Legend "Works in Progress (1986)"		1°25'24.0"N 103°53'00.0"E
		Buoys, each Y, pillar,		
		Fl Y 8s		1°23'44.0"N 103°59'35.0"E
		Fl Y 6s		1°23'36.0"N 103°59'55.0"E

71251	9Ed. 5/24/86 LAST NM 39/86		(9(120)86 Singapore) 41/86
	Change	Range lights,	
		front to Fl R 2s	1°28′04″N 103°49′21″E
		rear to Fl 2s	1°27′46″N 103°49′09″E
71251	9Ed. 5/24/86 LAST NM 41/86		(BA LL) 49/86
	Delete	Beacon	1°26.2′N 103°53.4′E
71251	9Ed. 5/24/86 LAST NM 49/86		(11(139, 140)86 Singapore) 6/87
	Delete	Dashed line joining	1°24′52.5″N 103°53′55.5″E
			1°25′18.7″N 103°53′55.5″E
			1°26′11.5″N 103°52′32.5″E
		(See 39/86-71251)	
	Relocate	Buoy (1°25′18.7″N 103°53′55.5″E) to	1°25′15.9″N 103°54′04.5″E
		(See 39/86-71251)	
	Add	Light Fl R 4s	1°25′00.0″N 103°52′57.0″E
		Light Fl Y 4s to buoy	1°28′26.0″N 103°49′29.0″E
		Dashed line joining	1°24′52.5″N 103°53′55.5″E
			1°25′15.9″N 103°54′04.5″E
			1°26′11.5″N 103°52′32.5″E
71251	9Ed. 5/24/86 LAST NM 6/87		(12(149, 153)86 Singapore) 10/87
	Substitute	Depth 11.4 meters for 11.7 meters	1°23′57″N 103°59′07″E
	Add	Drying height 0.3 meter	1°20′35″N 104°00′38″E
		Position circle "Pile"	1°19′52″N 103°59′34″E
			1°19′46″N 104°00′10″E
71251	9Ed. 5/24/86 LAST NM 10/87		(7(527)87 Taunton) 15/87
	Delete	Depths 11.4 meters	1°22′28″N 104°04′56″E
		9.6 meters	1°22′36″N 104°05′02″E
	Add	Depths 9.4 meters	1°21′20″N 104°04′23″E
		4.5 meters	1°21′45″N 104°03′54″E
		8 meters	1°22′29″N 104°05′00″E
		8.2 meters	1°22′33″N 104°05′02″E
		8.2 meters	1°23′18″N 104°05′11″E
		7.7 meters	1°23′37″N 104°05′20″E
71251	9Ed. 5/24/86 LAST NM 15/87		(9(703)87 Taunton) 17/87
	Delete	Danger circle	1°23.4′N 104°00.4′E
		Danger circles and legend "Obstrs"	1°23.8′N 104°00.8′E
			1°23.8′N 104°00.9′E
71251	9Ed. 5/24/86 LAST NM 17/87		(10(772)87 Taunton) 20/87
	Delete	Depths 12.8 meters	1°23.2′N 104°00.6′E
		13.4 meters	1°23.2′N 104°00.8′E
	Add	Depths 12.2 meters	1°23′13″N 104°00′39″E
		12.2 meters	1°23′14″N 104°00′50″E
71251	9Ed. 5/24/86 LAST NM 20/87		(16(1230)87 Taunton) 26/87
	Delete	Buoy (mooring)	1°27.9′N 103°50.3′E
71251	9Ed. 5/24/86 LAST NM 26/87		(17(1318)87 Taunton) 27/87
	Delete	Depth 15.5 meters	1°23.8′N 103°58.8′E
	Add	Depths 15.1 meters	1°23′52″N 103°58′47″E
		10.5 meters	1°23′37″N 103°58′27″E
		0.6 meter	1°24′08″N 103°59′44″E
71251	9Ed. 5/24/86 LAST NM 27/87		(Sing CH 112) 29/87
	Delete	Buoys	1°29′00″N 103°47′55″E
		(mooring)	1°27′50″N 103°47′36″E
	Add	Buoys (mooring)	1°28′21″N 103°48′57″E
			1°28′21″N 103°49′02″E
		Lights Fl R	1°27′46″N 103°47′30″E
			1°27′49″N 103°43′34″E
71251	9Ed. 5/24/86 LAST NM 29/87		(Sing CH 112; 93/87 Singapore) 30/87
	Change	Legend "218°45′" to "218°33′"	1°28′17″N 103°49′32″E
	Add	Legend "Obstr" to depth 0.8 meter	1°28′24″N 103°48′29″E

71251	9Ed. 5/24/86 LAST NM 30/87		(BA CH 2586) 30/87
	Add	Land tint area bound by solid line joining	1°28'25"N 103°48'55"E 1°28'26"N 103°48'55"E 1°28'26"N 103°48'59"E 1°28'25"N 103°48'59"E
		Buoy (mooring)	1°28'06"N 103°49'21"E
		Depths 14.6 meters Obstr	1°23'44"N 103°56'58"E
		14.6 meters Obstr	1°23'38"N 103°57'07"E
		16.4 meters Obstr	1°23'36"N 103°57'02"E
		10.4 meters Obstr	1°23'38"N 103°56'42"E
		10.1 meters Obstr	1°23'37"N 103°56'47"E
		11.6 meters Obstr	1°23'33"N 103°56'55"E
		2 meters Obstrs	1°23'40"N 103°56'36"E
71251	9Ed. 5/24/86 LAST NM 36/87		(Sing CH 112) 39/87
	Add	Light Fl R (See 29/87-71251)	1°27'49"N 103°47'34"E
71251	9Ed. 5/24/86 LAST NM 39/87		(10(138)87 Singapore) 49/87
	Delete	Danger circle	1°23.4'N 104°00.1'E
		Depth 16.2 meters	1°23.5'N 104°00.3'E
		Swept depths 11.6 meters	1°23.4'N 104°00.2'E
		16.2 meters "Obstrs"	1°23.4'N 104°00.3'E
	Add	Dangerous wreck	1°23'23"N 104°00'21"E
71251	9Ed. 5/24/86 LAST NM 49/87		(BA CH 2586, 2589, 60, 61/87 Malaysia) 52/87
	Delete	Depth contours (15-meter) joining	1°23'30"N 103°57'06"E 1°23'23"N 103°57'10"E 1°23'17"N 103°57'01"E 1°23'14"N 103°57'06"E 1°23'10"N 103°57'29"E 1°23'15"N 103°57'54"E
		(10-meter) joining	1°23'24"N 103°56'36"E 1°23'22"N 103°56'40"E 1°23'30"N 103°56'24"E 1°23'15"N 103°56'46"E 1°23'07"N 103°57'27"E 1°23'10"N 103°57'51"E
	Relocate	Buoy "Buluh" (1°25'49"N 103°54'03"E) to	1°25'58"N 103°53'35"E
	Change	Characteristic of buoys	
		"Gudong" to Fl(2) G 10s	1°26'36"N 103°52'45"E
		"Masai" to Fl(3) G 10s	1°27'26"N 103°52'02"E
		"Ordnance Middle Ground" to Fl(2+1) G 10s	1°27'45"N 103°46'57"E
		Characteristic of beacons	
		"Tebrau Front" to Fl G 5s	1°28'57"N 103°48'21"E
		"Tebrau Rear" to Iso G 5s	1°29'11"N 103°47'42"E
		"Kanan" to Fl G 3s	1°28'37"N 103°50'23"E
	Add	Depth contours (15-meter) joining	1°23'15"N 103°57'54"E 1°23'14"N 103°57'42"E 1°23'16"N 103°57'30"E 1°23'21"N 103°57'19"E 1°23'30"N 103°57'06"E
		(10-meter) joining	1°23'10"N 103°57'51"E 1°23'09"N 103°57'39"E 1°23'09"N 103°57'33"E 1°23'10"N 103°57'22"E 1°23'13"N 102°57'07"E 1°23'18"N 103°57'00"E 1°23'20"N 103°56'57"E 1°23'24"N 103°56'55"E

(continued on next page)

			52/87
71251	(Continued) Add	Depths 11.3 meters	1°23'15"N 103°57'13"E
		8.6 meters	1°23'13"N 103°57'17"E
		14.2 meters	1°23'18"N 103°57'22"E
		16.4 meters	1°23'23"N 103°57'27"E
		9.1 meters	1°23'09"N 103°57'38"E
		13.9 meters	1°23'15"N 103°57'42"E
		15.7 meters	1°23'25"N 103°57'55"E
		12 meters	1°21'06"N 104°03'11"E
		13.7 meters	1°18'55"N 104°04'46"E
		24.5 meters	1°19'07"N 104°05'46"E
		21 meters	1°19'46"N 120°06'38"E
		3.9 meters Obstr	1°24'10"N 103°56'08"E
		6.5 meters Obstr	1°23'53"N 103°56'24"E
		3.9 meters Obstr	1°23'36"N 103°56'29"E
		4.5 meters Obstr	1°23'28"N 103°56'53"E
		2 meters Obstr	1°23'14"N 103°57'12"E
		10.2 meters Obstr	1°23'42"N 103°57'17"E
		Dashed line joining	1°20'59"N 103°59'53"E
			1°20'38"N 104°00'45"E
			1°19'22"N 104°00'17"E
			1°19'42"N 103°59'20"E
		Legend "Works in Progress (1987) (marked by yellow lights)"	1°20'03"N 104°00'06"E
71251	9Ed. 5/24/86 LAST NM 52/87 Add	Depth 6.5 meters	(45(3401)87 Taunton) 1/88 1°21'36"N 104°04'10"E
71251	9Ed. 5/24/86 LAST NM 1/88 Delete	Dashed lines joining	(8(120, 127)87 Singapore) 6/88 1°19.7'N 104°59.3'E
			1°19.7'N 104°59.4'E
			1°18.7'N 104°59.4'E
		between	1°19.1'N 103°58.2'E
			1°18.7'N 103°58.6'E
		Legend "Work in progress (1983)"	1°19.1'N 103°58.9'E
	Change	Shape of buoy to pillar	1°27'10"N 103°46'30"E
71251	9Ed. 5/24/86 LAST NM 6/88 Delete	Legend "NO 4"	(12(159)87 Singapore) 11/88 1°23'45"N 103°57'58"E
	Relocate	Buoy "Squance" (1°23'43"N 103°57'54"E) to	1°23'41"N 103°57'40"E
71251	9Ed. 5/24/86 LAST NM 11/88 Add	Depth 11.4 meters	(2(48)88 Singapore) 15/88 1°27'00"N 103°52'26"E
71251	9Ed. 5/24/86 LAST NM 15/88 Delete	Depth 16.2 meters	(Sing CH 303) 16/88 1°23'33"N 104°00'45"E
	Change	Legend to "Anchorage Changi General Purposes"	1°19'36"N 104°03'42"E
	Add	Depths 12 meters	1°23'25"N 104°01'03"E
		12.9 meters	1°23'33"N 104°00'45"E
71251	9Ed. 5/24/86 LAST NM 16/88 Delete	Depth 12.9 meters (See 16/88-71251)	(Sing CH 303) 21/88 1°23'33"N 104°00'45"E
	Substitute	Depth 12.9 meters for 16.9 meters	1°23'27"N 104°00'45"E
71251	9Ed. 5/24/86 LAST NM 21/88 Delete	Dashed lines joining	(BA CH 2586, 2589) 23/88 1°19.7'N 103°59.3'E
			1°19.7'N 103°59.4'E
			1°18.7'N 103°59.4'E
		(See 6/88-71251)	
	Add	Depth 21 meters (See 52/87-71251)	1°19'46"N 104°06'38"E

71251	9Ed. 5/24/86 LAST NM 23/88		(Sing CH 114, BA CH 2586) 24/88
	Add	Depths 3.9 meters Foul	1°25'11"N 103°59'33"E
		4.9 meters Foul	1°25'23"N 103°59'28"E
		6.7 meters Foul	1°25'14"N 103°59'17"E
		2.2 meters Foul	1°25'27"N 103°58'16"E
		9.1 meters Foul	1°25'37"N 103°56'46"E
		16.5 meters Wk	1°23'28"N 103°57'27"E
		14.5 meters Rk	1°23'30"N 103°58'11"E
		Danger circle "Obstr"	1°26'12"N 103°53'19"E
71251	9Ed. 5/24/86 LAST NM 24/88		(15(1161)88 Taunton) 27/88
	Delete	Depths 7.6 meters	1°25'28"N 103°58'55"E
		9.8 meters	1°25'25"N 103°58'15"E
		8.5 meters	1°25'11"N 103°57'48"E
	Add	Depths 5.5 meters	1°25'43"N 103°55'44"E
		3.3 meters Obstr	1°25'30"N 103°58'56"E
		4.3 meters Obstr	1°25'13"N 103°57'47"E
71251	9Ed. 5/24/86 LAST NM 27/88		(7(113, 119)88 Singapore) 36/88
	Change	Lights to QG 5M	1°27'15"N 103°46'40"E
		QR 5M	1°27'20"N 103°46'44"E
	Add	Submarine pipeline between	1°28'10"N 103°48'15"E
			1°28'58"N 103°48'12"E
71251	9Ed. 5/24/86 LAST NM 36/88		(10(152)88 Singapore) 47/88
	Add	Fishing stakes joining	1°21'41"N 104°01'50"E
			1°21'35"N 104°02'15"E
			1°21'28"N 104°01'56"E
		Legend "Ruins"	1°21'32"N 104°01'53"E
71251	9Ed. 5/24/86 LAST NM 47/88		(38(2846)88 Taunton) 48/88
	Substitute	Depths 6.3 meters Obstr for	
		3.3 meters Obstr	1°25'30"N 103°58'56"E
		4.5 meters Obstr for	
		4.3 meters Obstr	1°25'13"N 103°57'47"E
		(See 27/88-71251)	
	Add	Depth 5.8 meters Obstr	1°25'15"N 103°57'40"E
71251	9Ed. 5/24/86 LAST NM 48/88		(11(169)88 Singapore) 4/89
	Delete	Depth 0.8 meter Obstr	1°28.4'N 103°48.5'E
71251	9Ed. 5/24/86 LAST NM 4/89		(12(196)88 Singapore) 12/89
	Change	Color of buoy	
		"Ordnance Middle Ground" to GRG	1°27'45"N 103°46'57"E
★**71253**	6Ed. 8/24/85	NEW EDITION	(DMAHTC, NVS7377/85) 48/85
	Delete	Depths 9.6 meters	1°16'09"N 103°47'16"E
		10 meters	1°16'07"N 103°47'15"E
	Change	Note 7 to	
		"7. Prohibited to vessels over 52 meters high. Vessels in excess of 48 meters but not more than 52 meters in height must obtain written permission from the Port Master to enter, remain in or move from the area."	1°17'26"N 103°49'11"E
	Add	Purple double dashed line with legend "Tunnel under construction (1985)" joining	1°17'51"N 103°44'43"E
			1°17'48"N 103°44'42"E
			1°17'31"N 103°44'33"E
			1°16'46"N 103°43'50"E
		Depths 10.3 meters	1°16'08.0"N 103°47'19.0"E
		19.8 meters	1°16'00.3"N 103°45'14.1"E
		5.9 meters	1°16'16.6"N 103°44'23.7"E
		15.7 meters	1°16'05.4"N 103°44'10.3"E
		15 meters	1°15'49.3"N 103°44'03.9"E
		15 meters	1°15'33.3"N 103°44'26.1"E
		1.8 meters	1°15'33.7"N 103°44'54.3"E

71253 6Ed. 8/24/85 LAST NM 48/85 (Sing CH 102, 11(102)85 Singapore) 8/86

Change	Legends "8m (1982)" to "8m (1985)"	1°15.85'N 103°42.82'E
	"10.9m (1982)" to "12m (1985)"	1°15.90'N 103°42.73'E
	"10.1m (1984)" to "12.2m (1985)"	1°15.95'N 103°42.65'E
	"4.8m (1976)" to "3.6m (1985)"	1°17.95'N 103°40.92'E
Add	Depth 9 meters	1°17'05.6"N 103°43'47.3"E
	Position circle (accurate) "CHY"	1°16'54.5"N 103°43'36.0"E

71253 6Ed. 8/24/85 LAST NM 8/86 (12(110)85 Singapore) 11/86

Relocate	Buoys "Kait" close SW to	1°15'46.5"N 103°42'23.0"E
	"Bakau" close NW	1°15'32.0"N 103°42'53.0"E

71253 6Ed. 8/24/85 LAST NM 11/86 (1(17), 2(31, 33), 3(43, 44, 46, 50)86 Singapore) 16/86

Delete	Buoys	1°18'06.0"N 103°43'43.0"E
		1°18'21.0"N 103°43'39.0"E
	Dashed line between	1°14'08.5"N 103°43'16.2"E
		1°13'25.2"N 103°43'28.2"E
Relocate	Beacon close E to	1°13'25.2"N 103°43'28.8"E
Substitute	Depth 13.6 meters "Obstr" for 13.7 meters	1°15'06"N 103°44'23"E
Change	Legends "6.6m" to "6.2m"	1°15'56"N 103°48'38"E
	"8m (1985)" to "8.6m (1985)"	1°15'51"N 103°42'49"E
Add	Dashed line between	1°14'08.5"N 103°43'16.2"E
		1°13'25.2"N 103°43'28.8"E
	Legend "Obstr" to danger circle	1°15'09.0"N 103°44'25.0"E
	Beacon "JTC3", G, cone topmark, Fl G 5s 5m 3M	1°18'01.0"N 103°43'44.0"E
	Depth 14.3 meters "Obstr"	1°13'53.5"N 103°46'30.2"E
	Buoys, each G, conical	
	"JTC1", Fl G 2½s	1°17'59.0"N 103°43'42.0"E
	"JTC5", Fl(3) G 15s	1°18'23.0"N 103°43'38.0"E

71253 6Ed. 8/24/85 LAST NM 16/86 (4(56, 66)86 Singapore) 22/86

Delete	Purple dashed line joining	1°16'50.5"N 103°44'55.0"E
		1°16'50.6"N 103°45'06.8"E
		1°16'32.0"N 103°45'08.1"E
	Legend "Pasir...Anchorage" between	1°16'31.5"N 103°45'30.0"E
		1°16'31.5"N 103°46'00.0"E
	Buoys (mooring) "1"	1°16'19.0"N 103°46'45.0"E
	"3"	1°16'26.7"N 103°46'26.8"E
Relocate	Legend "Western Dangerous Goods Anchorage" close E to	1°16'39.5"N 103°45'14.8"E
Add	Purple dashed line	1°17'01.0"N 103°44'54.0"E
		1°16'35.1"N 103°45'33.8"E
		1°16'13.0"N 103°45'33.1"E
	Legend "Pasir Panjang Coastal Anchorage" between	1°16'28.0"N 103°45'45.0"E
		1°16'28.0"N 103°46'15.0"E
	Buoys (mooring) "Lash 1"	1°16'33.6"N 103°46'12.9"E
	"Lash 2"	1°16'34.2"N 103°46'10.7"E
	"Lash 3"	1°16'36.0"N 103°46'07.2"E

71253 6Ed. 8/24/85 LAST NM 22/86 (44(2892)85 Taunton) 25/86

Add	Chartlet, depicting changes in hydrography, from back of Section I	1°14'25"N 103°44'45"E

71253 6Ed. 8/24/85 LAST NM 25/86 (5(75, 76, 77T)86 Singapore) 29/86

Delete	Depths 5.3 meters	1°17'57.0"N 103°41'47.3"E
	4.8 meters	1°17'57.6"N 103°41'48.9"E
	4.9 meters	1°17'57.5"N 103°41'57.0"E
Change	Legends "9.4m" to " 9.9m"	1°15'46.5"N 103°49'22.5"E
	"10.1m" to "10m"	1°15'50.5"N 103°49'35.0"E
	"10.1m" to "10m"	1°15'52.3"N 103°49'38.0"E
	"4.8m" to " 5.6m (1986)"	1°17'57.2"N 103°41'50.5"E

(Continued on next page)

71253 (Continued)

Add — Dangerous wreck marked close S by isolated danger buoy: BRB, pillar, double ball topmark, Fl(2) 10s — 29/86 — 1°16'05.0"N 103°45'53.8"E

71253 6Ed. 8/24/85 LAST NM 29/86

Delete — Purple composite line between — (8(111)86 Singapore) 37/86 — 1°15'44"N 103°48'17"E — 1°15'36"N 103°48'23"E

Add — Purple composite line (restricted area limit) between — 1°15'45"N 103°48'18"E — 1°15'36"N 103°48'24"E

71253 6Ed. 8/24/85 LAST NM 37/86

Add — Depth 25 meters Wk — (7(100)86 Singapore) 38/86 — 1°13'57"N 103°49'19"E

71253 6Ed. 8/24/85 LAST NM 38/86

Delete — Dangerous wreck and buoy (See 29/86-71253) — (7(97, 98, 104)86 Singapore) 39/86 — 1°16'05.0"N 103°45'53.8"E

Change — Characteristic of light to Fl Y 2½s — 1°17'53.5"N 103°43'50.5"E

Legends
"13.4m (1984)" to "13m (1986)" — 1°17'42.0"N 103°44'15.0"E
"13.2m (1983)" to "13.6m (1986)" — 1°17'37.0"N 103°44'15.0"E

71253 6Ed. 8/24/85 LAST NM 39/86

Change — Legends
"11.7m (1981)" to "9.8m (1986)" — (9(124, 125)86 Singapore) 41/86
"11.2m (1981)" to "10.4m (1986)" — 1°18'19"N 103°43'07"E
"12.2m (1985)" to "11.8m (1986)" — 1°18'25"N 103°43'01"E
(See 8/86-71253) — 1°15'58"N 103°42'39"E

71253 6Ed. 8/24/85 LAST NM 41/86

Add — Chartlet, depicting changes in hydrography, topography and aids to navigation, from back of Section I — (5(67)86 Singapore; 30(2144)86 Taunton) 51/86 — 1°18.2'N 103°43.5'E

71253 6Ed. 8/24/85 LAST NM 51/86

Change — Legends
"6.8m (1984)" to "7m (1986)" — (11(143, 148)86 Singapore) 6/87 — 1°16'21"N 103°47'17"E
"6.7m" to "7m (1986)" — 1°16'23"N 103°47'14"E
"6.7m" to "7m (1986)" — 1°16'25"N 103°47'11"E
"6.8m (1984)" to "7m (1986)" — 1°16'26"N 103°47'08"E
"7.2m (1984)" to "7m (1986)" — 1°16'28"N 103°47'05"E
"7.2m (1984)" to "7.1m (1986)" — 1°16'29"N 103°47'02"E
"7.2m (1984)" to "7m (1986)" — 1°16'31"N 103°47'00"E
"10.5m (1983)" to "10.6m (1986)" — 1°16'34"N 103°46'55"E
"10.6m (1984)" to "10.6m (1986)" — 1°16'37"N 103°46'50"E
"10m" to "10.6m (1986)" — 1°16'40"N 103°46'44"E
"7.2m (1984)" to "7.3m (1986)" — 1°16'43"N 103°46'44"E

Add — Buoy (mooring) "LASH" — 1°16'33.9"N 103°45'57.3"E

71253 6Ed. 8/24/85 LAST NM 6/87

Add — Foul ground symbols — (12(152)86, 1(21, 23)87 Singapore) 10/87 — 1°16'47"N 103°48'11"E — 1°15'48"N 103°48'08"E — 1°16'11"N 103°47'32"E — 1°16'11"N 103°47'31"E — 1°16'13"N 103°47'28"E

Depths 7.4 meters — 1°16'41"N 103°42'50"E
3.4 meters — 1°18'26"N 103°43'33"E
(See 51/86-71253)

71253 6Ed. 8/24/85 LAST NM 10/87

Add — Light Fl 182m 12M — (12(159)86, 1(20), 2(35, 41)87 Singapore) 12/87 — 1°16'50"N 103°43'31"E
Depth 1.9 meters — 1°15'24"N 103°49'34"E

Light Fl Y 4s to buoys (mooring) — 1°15'55"N 103°47'52"E — 1°15'58"N 103°47'54"E — 1°15'51"N 103°47'58"E — 1°15'53"N 103°48'01"E

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			12/87
71253	(Continued) Add	Depths 7.8 meters Obstr	1°17'20"N 103°44'55"E
		2.2 meters Obstr	1°17'25"N 103°44'54"E
		2.7 meters Obstr	1°17'16"N 103°44'51"E
		6.3 meters Obstr	1°17'16"N 103°44'56"E
71253	6Ed. 8/24/85 LAST NM 12/87 Delete	Foul ground symbol (See 10/87-71253)	(1(21)87 Singapore) 14/87 1°16'47"N 103°48'11"E
	Add	Foul ground symbol	1°15'47"N 103°48'11"E
71253	6Ed. 8/24/85 LAST NM 14/87 Add	Legend "(AERO)" to light (See 12/87-71253)	(12(159)86 Singapore) 20/87 1°16'50"N 103°43'31"E
71253	6Ed. 8/24/85 LAST NM 20/87 Delete	Depth 14.3 meters Obstr	(3(45, 55)87 Singapore; Sing CH 102) 24/87 1°13.9'N 103°46.5'E
	Substitute	Depth 4.7 meters Obstr for 4.8 meters	1°16'19"N 103°46'42"E
		Depths for foul ground symbols	
		8.2 meters Wk	1°15'48"N 103°48'08"E
		8.3 meters Obstr	1°16'11"N 103°47'32"E
		8.2 meters Obstr	1°16'11"N 103°47'31"E
		5.4 meters Obstr	1°16'13"N 103°47'28"E
		6.4 meters Wk	1°15'47"N 103°48'11"E
		(See 10, 14/87-71253)	
	Add	Depths 5 meters Obstr	1°16'40"N 103°46'03"E
		7.4 meters Obstr	1°16'12"N 103°47'31"E
71253	6Ed. 8/24/85 LAST NM 24/87 Substitute	Depths	(4(62, 63, 65-67)87 Singapore; Singapore CH 102) 25/87
		0.3 meter Obstr for	
		2.2 meters Obstr	1°17'25"N 103°44'54"E
		3.7 meters Obstr for	
		2.7 meters Obstr	1°17'16"N 103°44'51"E
		0.9 meter Obstr for	
		6.3 meters Obstr	1°17'16"N 103°44'56"E
		3.5 meters Obstr for	
		7.8 meters Obstr	1°17'20"N 103°44'55"E
		(See 12/87-71253)	
		Depth 6 meters Wk for 6.3 meters	1°16'56"N 103°46'32"E
	Change	Legends	
		"15.8m (1983)" to "15.7m (1986)"	1°17'38"N 103°43'08"E
		"16m (1983)" to "15.8m (1986)"	1°17'40"N 103°42'56"E
		"10.7m (1983)" to "11.2m (1986)"	1°17'32"N 103°42'56"E
		"10.6m" to "11m (1986)"	1°17'32"N 103°42'13"E
	Add	Lights to buoys QR	1°15'55.2"N 103°47'45.0"E
		QR	1°15'43.5"N 103°48'03.0"E
		QG	1°15'50.0"N 103°47'47.0"E
		QG	1°15'51.0"N 103°47'51.8"E
		QG	1°15'48.5"N 103°47'54.8"E
		QG	1°15'44.8"N 103°47'56.8"E
		Position circle "Piles, Dries 3.2m"	1°15'41.5"N 103°49'39.0"E
71253	6Ed. 8/24/85 LAST NM 25/87 Delete	Purple dashed line joining	(7(101, 104, 108)87 Singapore) 35/87 1°15'03"N 103°47'07"E
			1°14'18"N 103°47'58"E
			1°13'58"N 103°47'08"E
		Legend "WESTERN PETROLEUM ANCHORAGE"	1°14'26"N 103°47'09"E
	Change	Legend "5.6m (1986)" to "6m(1987)"	1°17'57"N 103°41'50"E
	Add	Purpled dashed lines joining	1°15'13.5"N 103°47'30.9"E
			1°14'28.9"N 103°48'21.0"E
			1°13'57.2"N 103°47'08.0"E
		between	1°14'51.9"N 103°46'42.2"E
			1°14'08.1"N 103°47'32.1"E

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71253 (Continued)

Add — Legends
"WESTERN PETROLEUM ANCHORAGE A" — 1°14'40.5"N 103°47'31.5"E
"WESTERN PETROLEUM ANCHORAGE B" — 1°14'25.0"N 103°46'54.9"E
Buoy (mooring) — 1°15'36.0"N 103°49'08.2"E

71253 6Ed. 8/24/85 LAST NM 35/87 — (BA CH 2015) 39/87
Delete — Purple dashed line between — 1°13'19"N 103°49'01"E
1°12'45"N 103°49'01"E

71253 6Ed. 8/24/85 LAST NM 39/87 — (46(3517)87 Taunton) 1/88
Delete — Purple dashed lines joining — 1°14'50"N 103°42'05"E
1°15'48"N 103°43'45"E
1°16'29"N 103°44'23"E
between — 1°16'29"N 103°44'23"E
1°16'15"N 103°44'38"E
Prohibited anchorage symbol — 1°15'07"N 103°42'51"E
Legend "CAUTION NO 3" — 1°13'30"N 103°41'20"E
Buoyage direction symbol — 1°15'32"N 103°43'38"E

Change — Open-outlined arrows to open-outlined dashed arrows — 1°13'24"N 103°41'47"E
1°13'53"N 103°41'44"E
1°14'13"N 103°42'30"E
1°14'24"N 103°43'14"E
1°14'51"N 103°43'45"E
1°14'38"N 103°44'32"E
1°15'07"N 103°44'43"E
1°15'03"N 103°45'23"E

Lines 7-9 of caution note to "established in Jong Fairway south of 1°13'N approximately. However, inward bound deep draft ships may be encountered in the outward-bound channel."

1°18'14"N 103°49'10"E

Add — Purple dashed line (outside limit of traffic lane) joining — 1°16'15"N 103°44'38"E
1°15'37"N 103°43'48"E
1°14'50"N 103°42'05"E

Legends "Precautionary Area" between — 1°14'11"N 103°42'33"E
1°14'47"N 103°43'48"E

Prohibited anchorage symbol — 1°14'56"N 103°42'53"E
Legend "(see Note)" — 1°14'22"N 103°43'06"E

"PRECAUTIONARY AREA
Vessels using the "Precautionary Area" are to navigate with caution as there may be vessels berthing or unberthing at Pulau Busing Paktank Terminal or deep draft vessels navigating against the recommended direction of traffic flow.

Deep draft vessels unable to proceed via the Outward Lane (southwesterly) due to insufficient depth of water may proceed via the "Precautionary Area". These vessels should display the signals as prescribed for vessels constrained by their draft in the International Regulations for Prevention of Collision at Sea and inform Jurong Control on VHF CH 22 of their intention before entering the "Precautionary Area" or immediately before unberthing from the Esso SBM."

1°17'24"N 103°48'27"E

71253	6Ed. 8/24/85 LAST NM 1/88		(BA CH 2015, 3939; 47(3566)87 Taunton) 3/88
	Change	Legends to "13.4m"	1°14'24"N 103°45'55"E
		"13.4m"	1°14'18"N 103°46'00"E
		"13.1m"	1°14'14"N 103°46'06"E
		"15.4m"	1°14'08"N 103°46'13"E
		"13.0m"	1°14'03"N 103°46'18"E
		"12.1m"	1°13'58"N 103°46'23"E
		"10.4m"	1°13'54"N 103°46'28"E
		"10.3m"	1°13'52"N 103°46'30"E
		"10.2m"	1°13'49"N 103°46'33"E
		"16.0m"	1°13'41"N 103°46'41"E
		Visibility (range) of light to 2M	1°14'13"N 103°45'26"E
71253	6Ed. 8/24/85 LAST NM 3/88		(Sing CH 104) 7/88
	Change	Legends	
		"4.5 meters" to "6.0 meters (1986)"	1°14'18"N 103°45'32"E
		"4.5 meters" to "6.0 meters (1986)"	1°14'16"N 103°45'32"E
71253	6Ed. 8/24/85 LAST NM 7/88		(12(162, 163)87, 1(24, 29)88 Singapore) 11/88
	Delete	Depths 7.8 meters Obstr	1°17'20"N 103°44'55"E
		2.2 meters Obstr	1°17'25"N 103°44'54"E
		2.7 meters Obstr	1°17'16"N 103°44'51"E
		6.3 meters Obstr	1°17'16"N 103°44'56"E
		(See 12/87-71253)	
	Change	Legends	
		"7.3m (1986)" to "7.2m (1987)"	1°16'43"N 103°46'44"E
		"6.5m (1984)" to "7.2m (1987)"	1°16'45"N 103°46'47"E
	Add	Depths 15.7 meters Wk	1°13'05.7"N 103°45'23.5"E
		5.8 meters	1°16'00.0"N 103°47'38.8"E
71253	6Ed. 8/24/85 LAST NM 11/88		(3(52)88 Singapore) 24/88
	Add	Beacon "Chombun" Y, Fl Y 2½s 7m 4M	1°17'28.9"N 103°41'40.1"E
71253	6Ed. 8/24/85 LAST NM 24/88		(BA CH 2012) 30/88
	Add	Buoys (mooring)	1°12'53"N 103°44'22"E
			1°12'52"N 103°44'27"E
71253	6Ed. 8/24/85 LAST NM 30/88		(31(2372)88 Taunton; 8(129)88 Singapore) 41/88
	Substitute	Depths 6.3 meters for 10.7 meters	1°16'01"N 103°47'47"E
		6.1 meters for 5.8 meters	1°16'00"N 103°47'39"E
		(See 11/88-71253)	
71253	6Ed. 8/24/85 LAST NM 41/88		(7(106), 10(148, 151, 153)88 Singapore) 47/88
	Change	Legend "14m (1983)" to "14.5m (1988)"	1°17'50"N 103°43'55"E
		(See 51/86-71253)	
	Add	Beacon YBY, double cone topmark points together	1°17'04"N 103°45'15"E
		Buoy Y, conical, Fl Y 2½s	1°15'15"N 103°48'21"E
		Chartlets, depicting changes in hydrography, topography and aids to navigation, from back of Section I	
		(A)	1°16'32"N 103°46'44"E
		(B)	1°16'00"N 103°47'30"E
71253	6Ed. 8/24/85 LAST NM 47/88		(11(166)88 Singapore) 4/89
	Delete	Beacon	1°17'04"N 103°45'15"E
		(See 47/88-71253)	
	Add	Buoy "Retan" G, pillar, Fl G 5s	1°17'04.5"N 103°45'09.2"E
71253	6Ed. 8/24/85 LAST NM 4/89		(11(167)88 Singapore) 12/89
	Add	Dangerous wreck	1°14'05.5"N 103°45'09.5"E
71253	6Ed. 8/24/85 LAST NM 12/89		(1(16), 2(39), 3(56), 4(59)89 Singapore) 24/89
	Delete	Buoy "LASH"	1°16'34"N 103°45'57"E
	Change	Legend to "Lts in line 079°07'"	1°17'53"N 103°41'14"E

(Continued on next page)

71253	(Continued)		
	Add	Light FR	24/89
		Buoy (mooring)	1°13'36.2"N 103°46'43.8"E
		Depth 14.9 meters	1°16'14.0"N 103°43'19.0"E
			1°17'49.0"N 103°41'26.0"E
★71255	2Ed. 9/13/86	NEW EDITION	(DMAHTC; Sing CH 100; BA LL) 48/86
	Add	Depth 10.5 meters	1°17'14.0"N 103°40'22.5"E
		(Previously published 39/86)	
	Delete	Depths 12.8 meters	1°17'17"N 103°40'34"E
		12 meters	1°17'03"N 103°40'13"E
		11 meters	1°16'49"N 103°39'49"E
		(Previously published 41/86)	
	Add	Depths 11.9 meters	1°17'17.7"N 103°40'34.0"E
		11.5 meters	1°17'02.1"N 103°40'12.0"E
		10.6 meters	1°16'48.9"N 103°39'50.1"E
		(Previously published 41/86)	
	Change	Characteristic of buoy to Fl Y 2s	1°13'08"N 103°39'54"E
	Add	Dashed line (port limit) joining	1°18'46.7"N 103°36'50.9"E
			1°19'18.8"N 103°36'59.1"E
			1°20'52.0"N 103°38'00.0"E
		Legend "CAUTION NO 4"	1°17'57.0"N 103°36'50.0"E
			1°17'17.0"N 103°36'38.0"E
		Caution No 4 to cautions note "4. Later information indicates numerous obstructions of lesser depths exist in this vicinity."	1°20'26.0"N 103°38'40.0"E
71255	2Ed. 9/13/86 LAST NM 48/86		
	Add	Depth 18.8 meters	(12(154)86 Singapore) 10/87
			1°12'22"N 103°40'33"E
71255	2Ed. 9/13/86 LAST NM 10/87		
	Substitute	Buoy R. can. Fl(3) R 15s for light	(2(31)87 Singapore) 12/87
			1°17'27"N 103°40'35"E
71255	2Ed. 9/13/86 LAST NM 12/87		
	Delete	Depth 3.9 meters	(3(54), 4(64)87 Singapore, Sing CH 100) 27/87
		Danger circle "Obstr"	1°17.8'N 103°39.3'E
		Legend "Dredged to 7.4m"	1°16.9'N 103°40.2'E
			1°17.9'N 103°39.3'E
		Buoys	
		(2) in vicinity	1°17.3'N 103°39.7'E
			1°17.2'N 103°39.6'E
	Change	Legends "7m (1977)" to "7.2 (1984)"	1°17.9'N 103°39.2'E
		"8m (1977)" to "7.2 (1984)"	1°17.9'N 103°39.3'E
	Add	Depths 7.2 meters	1°17'52"N 103°39'17"E
		4.4 meters	1°19'49"N 103°37'31"E
		7.8 meters Obstr	1°16'52"N 103°40'16"E
		Legends "6m (1984)"	1°17'49"N 103°39'18"E
		"7.2m (1984)"	1°18'00"N 103°39'11"E
		"CAUTION NO 4"	1°19'52"N 103°37'31"E
		Lights Fl Y 4s	1°17'53"N 103°38'40"E
		Fl Y 10s	1°18'39"N 103°39'12"E
		Fl Y 8s	1°19'00"N 103°37'20"E
		Visibility (range) 3M to light	1°18'32"N 103°38'17"E
		Designations to lights	
		"Pioneer"	1°17'14"N 103°39'23"E
		"Gul"	1°17'17"N 103°39'35"E
		"Tuas"	1°16'57"N 103°39'20"E
		"Piatu"	1°18'32"N 103°39'17"E
		Designation "Channel" to buoy	1°17'23"N 103°39'16"E
71255	2Ed. 9/13/86 LAST NM 27/87		
	Add	Buoys GRG, conical	(89/87 Singapore) 29/87
		R. can	1°17'12"N 103°39'38"E
			1°17'17"N 103°39'40"E
71255	2Ed. 9/13/86 LAST NM 29/87		
	Change	Legend "5.6m (1986)" to "6m(1987)"	(7(108)87 Singapore) 35/87
			1°17.9'N 103°41.9'E

71255 2Ed. 9/13/86 LAST NM 35/87 (46(3517)87 Taunton) 1/88

Change	Open outlined arrows to open-outlined dashed arrows	1°13.1'N 103°40.8'E 1°13.9'N 103°41.7'E 1°13.4'N 103°41.8'E
Add	Legend "Precautionary Area" between	1°12'58"N 103°40'48"E 1°13'36"N 103°41'52"E
	Legend "(see note)"	1°13'13"N 103°41'24"E

Note
"PRECAUTIONARY AREA"
Vessels using the "Precautionary Area" are to navigate with caution as there may be vessels berthing or unberthing at Pulau Busing Paktank Terminal or deep draft vessels navigating against the recommended direction of traffic flow.

Deep draft vessels unable to proceed via the Outward Lane (southwesterly) due to insufficent depth of water may proceed via the "Precautionary Area". These vessels should display the signals as prescribed for vessels constrained by their draft in the International Regulations for Prevention of Collisions at Sea and inform Jurong Control on VHF CH 22 of their intention before entering the "Precautionary Area" or immediately before unberthing from the Esso SBM."

71255 2Ed. 9/13/86 LAST NM 1/88 (1(19), 3(52)88 Singapore; Sing CH 301) 23/88

Delete	Purple dashed lines between	1°13'55.5"N 103°37'08.2"E 1°14'53.5"N 103°38'42.0"E
	joining	1°14'30.0"N 103°38'42.0"E 1°14'31.0"N 103°38'40.0"E 1°13'45.0"N 103°37'26.0"E
	joining	1°15'51.0"N 103°36'23.5"E 1°15'51.0"N 103°37'07.8"E 1°17'00.0"N 103°37'07.8"E
	Legend "ANCHORAGE FOR NON-GAS FREE LNG AND LPG CARRIERS"	1°16'27.0"N 103°36'47.0"E
Change	Legends to "LNG/LPG CHEMICAL GAS CARRIERS ANCHORAGE"	1°14'39.0"N 103°37'18.0"E
	"SULTAN SHOAL PETROLEUM ANCHORAGE"	1°13'56.0"N 103°38'28.0"E
Add	Purple dashed lines between	1°14'12.0"N 103°36'40.5"E 1°14'53.5"N 103°38'41.5"E
	joining	1°16'17.1"N 103°36'23.5"E 1°16'17.1"N 103°37'24.9"E 1°15'38.0"N 103°37'24.9"E 1°15'38.0"N 103°36'23.5"E
	joining	1°14'30.0"N 103°38'41.5"E 1°13'54.9"N 103°37'10.0"E 1°13'48.0"N 103°37'31.0"E
	between	1°16'17.1"N 103°36'36.4"E 1°16'59.4"N 103°36'36.4"E
	Beacon "Chombun" Y, Fl Y 2½s	1°17'29.0"N 103°41'40.7"E
	Legends "TUAS EXPLOSIVES ANCHORAGE"	1°15'58.0"N 103°36'54.0"E
	"TUAS EXPLOSIVES LIGHTERS ANCHORAGES"	1°16'39.0"N 103°36'30.0"E
	"WEST JURONG ANCHORAGE"	1°15'18.0"N 103°37'28.0"E
	"WEST JURONG ANCHORAGE"	1°16'01.0"N 103°38'15.0"E

71255	2Ed. 9/13/86 LAST NM 23/88		(19(164)88 Jakarta) 33/88
	Substitute	Depth 10.4 meters for 18.8 meters	1°14'59"N 103°41'41"E
	Add	Depth 16.4 meters	1°13'35.0"N 103°40'36.5"E
71255	2Ed. 9/13/86 LAST NM 33/88		(19(164)88 Jakarta) 42/88
	Substitute	Depth 10.4 meters for 18.3 meters (See 33/88-71255)	1°14'59"N 103°41'41"E
71255	2Ed. 9/13/86 LAST NM 42/88		(10(153)88 Singapore) 47/88
	Delete	Dangerous wreck (Mast)	1°17'05"N 103°40'35"E
71255	2Ed. 9/13/86 LAST NM 47/88		(1(16, 22)89 Singapore; Sing CH 101) 24/89
	Change	Legend to "Lts in line 079°07'"	1°17'53"N 103°41'14"E
	Add	Depth 14.9 meters	1°17'49"N 103°41'26"E
★**71260**	13Ed. 7/26/86	NEW EDITION	(DMAHTC; 8(189)86 Tokyo) 49/86
	Add	Designation "GP" to buoy	2°23.2'N 101°36.3'E
71260	13Ed. 7/26/86 LAST NM 49/86		(5(160)87 Tokyo) 16/87
	Add	Depth 19.9 meters "Rep (1987)"	2°34.0'N 101°25.8'E
71260	13Ed. 7/26/86 LAST NM 16/87		(10(77)87 Jakarta) 23/87
	Change	Period of buoy "GM" to 5s	2°14.1'N 101°40.2'E
71260	13Ed. 7/26/86 LAST NM 23/87		(3(50P)87 Singapore; BA LL) 25/87
	Substitute	Lights Fl R 7s 3m 5M for beacon	2°23.5'N 101°58.2'E
		Fl 7s 5m 5M for beacon	2°22.0'N 101°57.2'E
71260	13Ed. 7/26/86 LAST NM 25/87		(16(506)87 Tokyo) 27/87
	Delete	Depth 19.9 meters "Rep (1987)" (Supersedes 16/87-71260)	2°34.0'N 101°25.8'E
	Add	Depth 20.3 meters "Rep (1987)"	2°33.8'N 101°25.8'E
71260	13Ed. 7/26/86 LAST NM 27/87		(22, 27, 30/87 Malaysia) 32/87
	Change	Lights to Fl(2) R 10s 3m 5M	2°23.5'N 101°58.2'E
		Fl(2) 10s 4m 5M (See 25/87-71260)	2°22.0'N 101°57.2'E
		Visibility (range) of light to 8M	2°36.3'N 101°45.3'E
	Add	Light Fl 5s 8M	2°10'30"N 102°14'54"E
71260	13Ed. 7/26/86 LAST NM 32/87		(11(150)87 Singapore) 52/87
	Change	Height of lights to 13m	2°49.4'N 100°56.2'E
		11m	2°48.7'N 100°56.5'E
71260	13Ed. 7/26/86 LAST NM 52/87		(12(102)88 Jakarta; BA LL) 21/88
	Change	Light to light (articulated) YB, double cone topmark points downward, Q(6) + L Fl 15s 13m 11M	2°49.4'N 100°56.2'E
		Light to light (articulated) BY, double cone topmark points upward, Q 11m 11M Racon and delete designation "M"	2°48.7'N 100°56.5'E
71260	13Ed. 7/26/86 LAST NM 21/88		(15, 23/88 Malaysia) 25/88
	Add	Wreck	2°28'00"N 101°35'24"E
		Beacon (articulated) BY, double cone topmark points upward, Q 12m 11M	2°33'52"N 101°23'26"E
71260	13Ed. 7/26/86 LAST NM 25/88		(32(274)88 Jakarta) 42/88
	Change	Period of light to 7s	2°24'26"N 101°51'06"E
71260	13Ed. 7/26/86 LAST NM 42/88		(38/88 Malaysia) 45/88
	Add	Light Fl G 4s 9m 5M	2°48'04"N 101°24'10"E
71260	13Ed. 7/26/86 LAST NM 45/88		(10(162)88 Singapore) 47/88
	Change	Characteristic of light to Fl 15s	2°02.9'N 102°19.9'E
71260	13Ed. 7/26/86 LAST NM 47/88		(12(192)88 Singapore) 6/89
	Add	Dangerous wreck (PA)	2°19.5'N 101°53.6'E
		Light Fl G 4s 6m 5M	2°16.5'N 102°04.1'E

71260	13Ed. 7/26/86 LAST NM 6/89		(51(1507)88 Tokyo) 10/89
	Add	Beacon (articulated) Y, "X" topmark, Fl Y 10s 10M	2°48'50"N 100°53'58"E
71260	13Ed. 7/26/86 LAST NM 10/89		(BA RA) 11/89
	Add	Racon at light	1°39.1'N 101°50.6'E
71260	13Ed. 7/26/86 LAST NM 11/89		(Indo LL) 12/89
	Change	Visibility (range) of light to 18M	2°52.7'N 100°34.0'E
71260	13Ed. 7/26/86 LAST NM 12/89		(BA LL) 22/89
	Change	Visibility (range) of light to 16M	2°02.9'N 102°19.7'E
71260	13Ed. 7/26/86 LAST NM 22/89		(2(41)89 Singapore; BA LL) 24/89
	Change	Visibility (range) of light to 11M (See 10/89-71260)	2°48'50"N 100°53'58"E
		Light to Fl(2) G 10s 17m 8M Racon	1°39'07"N 101°50'35"E
*71261	8Ed. 2/22/86	NEW EDITION	(DMAHTC; 9(675)86 Taunton; BA LL) 29/86
	Delete	Depth 16 meters	1°55'31"N 101°56'47"E
	Substitute	Light Fl(2) 7s 12m 11M for buoy	1°54.2'N 102°03.2'E
	Add	Depths 17.4 meters	1°40'47"N 101°40'04"E
		11.3 meters	1°38'01"N 101°52'58"E
		6 meters	1°55'43"N 101°56'39"E
71261	8Ed. 2/22/86 LAST NM 29/86		(15(189-195)86 Jakarta) 30/86
	Change	Characteristic of buoys	
		"5" to Fl G 6s	1°35.5'N 101°54.6'E
		"15" to Fl G 3s	1°41.6'N 101°43.6'E
		"11" to Fl G 8s	1°37.5'N 101°51.7'E
		"12" to Fl R 5s	1°40.3'N 101°47.3'E
		(And Plan B)	
	Change	Characteristic of buoys	
		"6" to Fl R 5s	1°32'54"N 101°54'46"E
		"8" to Fl R 4s	1°34'08"N 101°54'17"E
71261	8Ed. 2/22/86 LAST NM 30/86		(17(218, 219, 222)86 Jakarta) 31/86
	Change	Characteristic of buoy "20" to Fl R 3s	1°40.0'N 101°33.3'E
		(And Plan A)	
	Change	Characteristic of buoy "22" to Fl R 6s	1°41'44"N 101°28'54"E
		(And Plan B)	
	Change	Characteristic of buoy "9" to Fl G 5s	1°34'46"N 101°54'16"E
71261	8Ed. 2/22/86 LAST NM 31/86		(28(2019)86 Taunton) 35/86
	Delete	Depth 11.3 meters (See 29/86-71261)	1°38'01"N 101°52'58"E
71261	8Ed. 2/22/86 LAST NM 35/86		(44(3298)88 Taunton) 1/89
		(And Plan A)	
	Delete	Buoy	1°40'46"N 101°29'11"E
71261	8Ed. 2/22/86 LAST NM 1/89		(BA LL) 11/89
	Add	Racon at light	1°39.2'N 101°50.6'E
71261	8Ed. 2/22/86 LAST NM 11/89		(BA LL) 24/89
	Change	Light to Fl(2) G 10s 17m 8M Racon	1°39.1'N 101°50.6'E
*71262	6Ed. 1/23/88	NEW EDITION	(DMAHTC; 6(490)88 Taunton) 14/88
		(Plans A & B)	
	Substitute	Buoy G, conical, Fl G 4s for light	2°31'03"N 101°47'40"E
	Add	Buoy R, can, Fl R 5s	2°31'11.9"N 101°47'28.0"E
71262	6Ed. 1/23/88 LAST NM 14/88		(BA LL) 22/88
		(Plan A)	
	Change	Light to Fl 5s 8m 8M	2°33.6'N 101°47.6'E

71262	6Ed. 1/23/88 LAST NM 22/88		(32(274)88 Jakarta) 42/88
		(Plan A)	
	Change	Period of light to 7s	2°24'26"N 101°51'08"E
71262	6Ed. 1/23/88 LAST NM 42/88		(29/88 Malaysia) 45/88
		(Plan C)	
	Add	Buoy Y, pillar, "X" topmark	2°06'52"N 102°18'56"E
71262	6Ed. 1/23/88 LAST NM 45/88		(10(162)88 Singapore) 47/88
		(Plan C)	
	Change	Characteristic of light to Fl 15s	2°02.9'N 102°20.0'E
71262	6Ed. 1/23/88 LAST NM 47/88		(BA LL) 22/89
		(Plan C)	
	Change	Visibility (range) of light to 16M	2°02.9'N 102°20.0'E

★71270	14Ed. 7/26/86	NEW EDITION	(DMAHTC, 9(126)86 Singapore; 35(2527)86 Taunton) 44/86
	Substitute	Wreck for dangerous wreck (Previously published 36/86)	3°40.7'N 99°50.0'E
	Change	Buoy to "OF", Y, spar, "X" topmark, Fl(4) Y 10s	2°55.4'N 100°50.9'E
71270	14Ed. 7/26/86 LAST NM 44/86		(2(36)87 Singapore; 2(139)87 Taunton; BA LL) 13/87
	Relocate	Light close SE to and change visibility (range) to 11M	3°00'50"N 100°52'10"E
	Add	Buoy "5", R, can, Fl R 5s	4°00'15"N 100°43'54"E
71270	14Ed. 7/26/86 LAST NM 13/87		(18/87 Malaysia; 2(139)87 Taunton) 22/87
	Delete	Buoy Light (See 13/87-71270)	4°00'15"N 100°43'54"E 3°00'50"N 100°52'10"E
	Add	Light (articulated) Fl 10s 11m 13M	3°00'54"N 100°51'34"E
71270	14Ed. 7/26/86 LAST NM 22/87		(Indo CH 11) 23/87
	Change	Visibility (range) of light to 18M	2°52.7'N 100°34.0'E
71270	14Ed. 7/26/86 LAST NM 23/87		(26/87 Malaysia) 32/87
	Change	Visibility (range) of light to 22M	3°11'12"N 101°13'08"E
71270	14Ed. 7/26/86 LAST NM 32/87		(32/87 Malaysia) 35/87
	Change	Period of light to 10s	3°11.2'N 101°13.1'E
71270	14Ed. 7/26/86 LAST NM 35/87		(BA LL) 41/87
	Change	Visibility (range) of light to 15M	4°00.3'N 100°30.8'E
71270	14Ed. 7/26/86 LAST NM 41/87		(36(1023)87 Tokyo) 49/87
	Delete	Light (articulated) (See 22/87-71270)	3°00'54"N 100°51'34"E
	Add	Light (articulated) Fl 10s 11m 11M	3°00'52"N 100°51'53"E
71270	14Ed. 7/26/86 LAST NM 49/87		(32(2418)87 Taunton) 50/87
	Add	Racon at light	4°00.3'N 100°30.5'E
71270	14Ed. 7/26/86 LAST NM 50/87		(11(150)87 Singapore) 52/87
	Change	Height of lights to 13m 11m	2°49.4'N 100°56.2'E 2°48.7'N 100°56.5'E
71270	14Ed. 7/26/86 LAST NM 52/87		(22(276)87 Jakarta) 1/88
	Substitute	Wreck for dangerous wreck	3°59.6'N 99°51.0'E
71270	14Ed. 7/26/86 LAST NM 1/88		(7(567)88 Taunton) 14/88
	Change	Legends to "Dredged to 11m (1987)" "10m"	3°08.0'N 101°17.5'E 2°52.5'N 101°15.7'E
71270	14Ed. 7/26/86 LAST NM 14/88		(12(102)88 Jakarta; BA LL) 21/88
	Change	Light to light (articulated) YB, double cone topmark points downward, Q(6) + L Fl 15s 13m 11M	2°49.4'N 100°56.2'E
		Light to light (articulated) BY, double cone topmark points upward, Q 11m 11M Racon and delete designation "M"	2°48.7'N 100°56.5'E

71270	14Ed. 7/26/86 LAST NM 21/88 Add	Beacon (articulated) BY, double cone topmark points upward, Q 12m 11M	(15/88 Malaysia; 4(67)88 Singapore) 25/88 2°33'52"N 101°23'26"E
71270	14Ed. 7/26/86 LAST NM 25/88 Add	Light Fl G 4s 9m 5M	(38/88 Malaysia) 45/88 2°48'04"N 101°24'10"E
71270	14Ed. 7/26/86 LAST NM 45/88 Add	Beacon (articulated) Y, "X" topmark, Fl Y 10s 10M	(51(1507)88 Tokyo) 10/89 2°48'50"N 100°53'58"E
71270	14Ed. 7/26/86 LAST NM 10/89 Delete	Light	(10(807)89 Taunton) 22/89 3°59.5'N 100°45.7'E
71270	14Ed. 7/26/86 LAST NM 22/89 Change	Visibility (range) of light to 11M (See 10/89-71270)	(2(41)89 Singapore) 24/89 2°48'50"N 100°53'58"E
★71271	8Ed. 8/10/85	NEW EDITION	(DMAHTC; 21(1381), 41(2680)84 Taunton; BA CH 3453) 45/85
	Add	Legend "Works in Progress (1985)" (Previously published 39/85)	3°17'48"N 101°13'42"E
	Delete	Range line and legend "Lts in line 080°30'" between	2°59'54"N 101°23'38"E 2°59'44"N 101°22'43"E
		Light "13"	2°59'54"N 101°23'38"E
		Legend "Work in Progress (1983)"	3°06'41"N 101°18'45"E
	Change	Legend to "Dredged to 36ft 1984"	3°10'51"N 101°14'17"E
	Add	Legend "Works in Progress"	2°55'10"N 101°16'54"E
		"Spoil Ground" bound by dashed-line circle, radius 200 yards, centered	2°53'27"N 101°12'36"E 3°08'54"N 101°14'12"E
		Pilot station symbols	3°12'00"N 101°13'05"E 2°50'38"N 101°15'27"E
		Dashed lines (dredged channel limit) between	3°05'09"N 101°19'20"E 3°04'33"N 101°19'51"E
		between	3°05'20"N 101°19'28"E 3°04'46"N 101°19'55"E
		Double solid line with land tint joining	3°06'54"N 101°19'11"E 3°06'28"N 101°18'45"E 3°06'37"N 101°18'37"E
		Legend "Coal and Oil Jetty"	3°06'31"N 101°18'38"E
71271	8Ed. 8/10/85 LAST NM 45/85 Add	Depths 5 fathoms 3 feet 5 fathoms 5 feet	(BA CH 3453) 24/86 2°51'11"N 101°15'26"E 2°51'08"N 101°15'36"E
71271	8Ed. 8/10/85 LAST NM 24/86 Add	Stranded wreck marked by light Q 3m 5M	(18(484)86 Dehra Dun) 12/87 2°58'30"N 101°23'00"E
71271	8Ed. 8/10/85 LAST NM 12/87 Change	Light "27" to Fl 4s 5M	(BA LL) 16/87 2°55.6'N 101°17.5'E
71271	8Ed. 8/10/85 LAST NM 16/87 Change	Visibility (range) of light to 22M	(26/87 Malaysia) 32/87 3°11.2'N 101°13.1'E
71271	8Ed. 8/10/85 LAST NM 32/87 Change	Period of light to 10s	(32/87 Malaysia) 35/87 3°11.2'N 101°13.1'E
71271	8Ed. 8/10/85 LAST NM 35/87 Add	Caution note "CAUTION Fishing stakes are continually being moved and are very numerous within the 6 fathom line."	(BA CH 3766) 39/87 3°09'38"N 101°21'40"E

71271 8Ed. 8/10/85 LAST NM 39/87
Change Legend to "Dredged to 37ft (1987)" (7)567/88 Taunton 14/8
"Dredged to 33ft (1987)" 3°06'50"N 101°18'00"E
2°52'40"N 101°15'45"E

71271 8Ed. 8/10/85 LAST NM 14/88
Delete Range lights, front "20" (58/88, 1, 3/89 Malaysia 15/8)
rear "19" 2°59'47"N 101°21'45"E
2°59'43"N 101°21'47"E

Range line and legend
"Lts...164°05'" between 2°59'43"N 101°21'42"E
3°02'01"N 101°21'04"E

Add Range lights,
front "20A" Q 26ft 8M
rear "19A" Fl G 2s 39ft 5M 2°59'47"N 101°21'47"E
2°59'40"N 101°21'40"E

Range line extending in 333°58'
direction from above rear light
dashed for 420 yards, thence
solid for 3100 yards

Legend "Lts in line 153°58'"
along above range line 3°00'45"N 101°21'17"E

Range light
front, Q 62ft 10M
rear, Iso 4s 79ft 10M 2°54'50"N 101°16'11"E
2°54'56"N 101°16'13"E

Range line extending in 191°22'
direction from above rear light
dashed for 2350 yards, thence
solid for 7900 yards

Legend "Lts in line 011°22'"
along above range line 2°52'00"N 101°15'39"E

Wreck 2°59'59"N 101°21'51"E

★71272 8Ed. 3/8/86 NEW EDITION
Delete Legend "12" (DMAHTC) 25/8
3°00'06"N 101°21'20"E

Change Line 1 of note to
"1. Reserved." 3°02'31"N 101°23'05"E

71272 8Ed. 3/8/86 LAST NM 25/86
Add Stranded wreck marked by light (18/4/88 Dehra Dun) 12/8
Q 3m 5M 2°58'27"N 101°22'53"E

71272 8Ed. 3/8/86 LAST NM 12/87
Change Legend to "Dredged to 11.2m (1987)" (7)567/88 Taunton 14/8
3°05'34"N 101°19'00"E

71272 8Ed. 3/8/86 LAST NM 14/88
Delete Range lights, front "20" (58/88, 3/89 Malaysia 15/8)
rear "19" 2°59'45"N 101°21'37"E
2°59'41"N 101°21'38"E

Range line and legend
"Lights...164°05'" between 2°59'41"N 101°21'38"E
3°01'48"N 101°21'03"E

Add Range light
front "20A", Q 8m 8M
rear "19A", Fl G 2s 12m 5M 2°59'43.2"N 101°21'43.7"E
2°59'40.0"N 101°21'45.0"E

Range line extending in 333°58'
direction from above rear light
dashed for 420 yards, thence
solid for 3100 yards

Legend "Lights in line 153°58'"
along above range line 3°00'36.0"N 101°21'21.5"E

Wreck 2°59'59.0"N 101°21'51.0"E

★71281 6Ed. 6/1/85 NEW EDITION
Delete Buoys (DMAHTC, BA SD) 50/85
12°05'42"S 96°52'11"E
12°05'42"S 96°52'37"E
12°07'09"S 96°53'03"E

(Previously published 47/85)

(continued on next page)

*1281	(Continued)		50/85
		(Plan)	
	Add	Depth 3 fathoms 4 feet (Previously published 47/85)	11°50'28"S 96°49'10"E
	Change	Caution No. 4 to "4. Lighted beacons No. 1 thru No. 8 are not to be relied on."	12°06'00"S 96°57'20"E
*1281	6Ed. 6/1/85 LAST NM 50/85 Delete	Buoy "Topbouse" (See 50/85-71281)	(BA CH 2510) 7/86 12°07'51"S 96°53'05"E
*1281	6Ed. 6/1/85 LAST NM 7/86 Change	Light to Fl(2) 8s 19ft 8M	(4/24/88 Jakarta) 13/88 12°05'22"S 96°52'32"E
*1311	8Ed. 9/13/86	NEW EDITION	(DMAHTC) 1/87
*1311	8Ed. 9/13/86 LAST NM 1/87 Change	Line 1 of buoyage note to "Certain buoys, lights and beacons within the Philippine area of"	(DMAHTC) 8/87 6°13.5'N 118°34.6'E
*1312	5Ed. 3/3/84 Change	NEW EDITION Buoy to starboard buoy: G. conical, cone topmark. Fl G 3s	(DMAHTC; US SD) 19/84 6°39'31"N 117°48'39"E
		Buoy to safe water buoy: RW. pillar, ball topmark. Fl 10s (Previously published 14/84)	6°40'58"N 117°35'13"E
	Add	Note: "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region A. For further explanation, see annual NM 1(6) and Chart No. 1." (Previously published 14/84)	6°20'N 117°35'E
	Add	Position circle (accurate)	6°04.54'N 118°19'04"E
*1312	5Ed. 3/3/84 LAST NM 19/84 Change	Buoy to port buoy: R. can, can topmark. Fl R 5s	(14/908/84 Taunton) 20/84 6°35.29'N 117°56'00"E
*1312	5Ed. 3/3/84 LAST NM 20/84 Add	Depth 19 fathoms "Rep (1976)"	(4/348/89 Taunton) 14/89 6°44.3'N 118°16.5'E
*1312	5Ed. 3/3/84 LAST NM 14/89 Add	Depth 19 fathoms "Rep (1976)" (Cancels 14/89-71312)	(4/348/89 Taunton) 19/89 6°44.3'N 118°16.5'E
*1313	7Ed. 6/8/85	NEW EDITION	(DMAHTC) 51/85
*1314	5Ed. 11/21/81 Add	NEW EDITION Caution note: CAUTION Do not use the magnetic compass roses on this chart because of misalignment.	(DMAHTC) 3/82 6°34'S 117°07'E
*1314	5Ed. 11/21/81 LAST NM 3/82 Relocate	Bn close NW to	(51/300/7/81 Taunton; DMAHTC) 11/82 6°51'49"N 116°51'35"E
	Add	Caution note "CAUTION Do not use the magnetic compass roses on this chart because of misalignment." (See 3/82-71314)	6°36'N 117°07'E
*1314	5Ed. 11/21/81 LAST NM 11/82 Add	Chartlet, depicting changes in topography, from back of Section I	(51/300/7/81 Taunton) 23/82 6°53'N 116°52'E

71314 5Ed. 11/21/81 LAST NM 23/82

Change — Lights to Fl G 5s 33ft 5M
Fl G 3s 25ft 7M — (41(2617)83 Taunton; NVS6577/82; BA LL) 50/83
7°02'25"N 116°59'30"E
7°04'28"N 117°07'03"E

Add — Note
"CHANGES IN BUOYAGE
Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region A. For further explanation, see annual NM 1(6) and Chart No. 1."

6°51'30"N 116°43'42"E

71314 5Ed. 11/21/81 LAST NM 50/83

Change — Light to Fl G 3s 26ft 7M — (2(106)84 Taunton) 9/84
(See 23/82-71314) — 6°52'22"N 116°51'29"E

★**71320** 1Ed. 11/21/87 — NEW CHART — (DMAHTC) 9/88

71320 1Ed. 11/21/87 LAST NM 9/88

(Panel B) — (4(338)88 Taunton) 14/88

Add — Submarine pipeline joining — 6°21'30"N 115°39'05"E
6°37'30"N 115°46'30"E
6°38'05"N 115°46'40"E

Platform "SJJ-H" with light flare symbol — 6°38'42"N 116°09'59"E

71320 1Ed. 11/21/87 LAST NM 14/88

Add — Wreck — (BA CH 948) 15/88
7°19.2'N 116°50.6'E

71320 1Ed. 11/21/87 LAST NM 15/88

(Panel A) — (20(1543)88 Taunton) 31/88

Delete — Depths 9.1 meters — 4°55.9'N 114°20.0'E
12.8 meters — 4°50.2'N 114°19.3'E

Add — Depths 7.8 meters — 4°56.1'N 114°19.7'E
11.5 meters — 4°50.3'N 114°19.1'E

71320 1Ed. 11/21/87 LAST NM 31/88

(Plan B) — (47(3518)88 Taunton) 4/89

Add — Depth 19.8 meters — 6°45.2'N 116°21.0'E

71320 1Ed. 11/21/87 LAST NM 4/89

(Panel B) — (6(495)89 Taunton) 18/89

Add — Platform "SJK-A" with light flare symbol — 6°38.2'N 116°08.6'E

★**71324** 5Ed. 9/4/82 — NEW EDITION

Delete — Dashed line (pier) with legend "Under construction (1982)" between — (24(1423)82 Taunton; DMAHTC) 47/82
5°59'58"N 116°04'35"E
5°59'50"N 116°04'37"E

(See 27/82-71324)

Substitute — Depth 2¾ fathoms for 4½ fathoms — 5°59'58"N 116°04'38"E

Add — Dashed line (jetty) wth legend "Under Constr (1982)" between — 6°00'01.5"N 116°04'40.0"E
5°59'49.0"N 116°04'38.0"E

Legend "Being reclaimed (1982)" — 5°59'36.0"N 116°04'28.0"E
(See 27/82-71324)

71324 5Ed. 9/4/82 LAST NM 47/82

Delete — Legend "Being reclaimed (1982)" — (8(495)84 Taunton) 15/84
5°59'36"N 116°04'28"E

Substitute — Solid line (pier) for dashed line in vicinity — 5°59'55"N 116°04'38"E
Note: Construction completed

Add — Land tint area bound by shore and solid line joining — 5°59'44"N 116°04'33"E
5°59'40"N 116°04'30"E
5°59'38"N 116°04'25"E
5°59'37"N 116°04'24"E
5°59'34"N 116°04'24"E
5°59'32"N 116°04'23"E

(continued on next page)

			15/84
71324	(Continued) Add	Solid line (pier) between	5°59'59"N 116°04'56"E 6°00'11"N 116°04'59"E
71324	5Ed. 9/4/82 LAST NM 15/84 Change	Light to Fl(2) 8s 29ft 5M and delete legend "Bn RW"	(32(2114)84 Taunton) 44/84 6°00'07"N 116°04'27"E
	Add	Note "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region A. For further explanation, see annual NM 1(6) and Chart No. 1."	
			5°54'20"N 116°04'50"E
71324	5Ed. 9/4/82 LAST NM 44/84 Add	Position circle "(R Lt) (400)"	(3(270)89 Taunton) 14/89 6°01'04"N 116°06'12"E
71324	5Ed. 9/4/82 LAST NM 14/89 Add	Beacons, each R, can topmark	(BA CH 3626) 18/89
		Fl R 3s 33ft 6M	6°04'39"N 116°05'48"E
		Fl R 3s 33ft 4M	6°05'16"N 116°06'30"E
		Fl R 3s 33ft 4M	6°05'31"N 116°07'03"E
		Beacons, each G, cone topmark	
		Fl G 3s 33ft 6M	6°04'38"N 116°06'48"E
		Fl G 3s 33ft 4M	6°05'20"N 116°07'17"E
71324	5Ed. 9/4/82 LAST NM 18/89 Relocate	Beacon (6°04'39"N 116°05'48"E) to (See 18/89-71324)	(14(1115)89 Taunton) 25/89 6°04'48"N 116°05'59"E
*71325	7Ed. 7/9/83	NEW EDITION	(DMAHTC) 38/83
71325	7Ed. 7/9/83 LAST NM 38/83 (Plan A)		(42(2730)83 Taunton) 51/83
	Delete	Buoy	5°17'05"N 115°16'35"E
	Substitute	Port beacon "Enoe", R for light	5°15'27"N 115°14'40"E
	Change	Lights to Fl(2) 8s 10m 5M	5°15'49"N 115°14'54"E
		VQ(3) 5s 11m 5M	5°15'13"N 115°15'06"E
	Add	Light "No 2" Fl G 2s 8m 3M	5°17'08.0"N 115°16'35.0"E
71325	7Ed. 7/9/83 LAST NM 51/83 (Plan A)		(2(105)84 Taunton) 9/84
	Delete	Buoy	5°14'55"N 115°14'49"E
71325	7Ed. 7/9/83 LAST NM 9/84 (Plan B)		(8(495)84 Taunton) 15/84
	Delete	Legends "Under construction (1982)"	5°59'59"N 116°04'54"E
		"Being reclaimed (1982)"	5°59'36"N 116°04'37"E
	Substitute	Double solid line (pier) for double dashed line in vicinity Note: Construction completed	5°59'54"N 116°04'49"E
		Solid line for dashed line in vicinity Note: Reclamation completed	5°59'36"N 116°04'37"E
	Add	Solid line (pier) between	5°59'58.3"N 116°05'05.8"E 6°00'10.8"N 116°05'07.9"E
71325	7Ed. 7/9/83 LAST NM 15/84 (Plan B)		(32(2114)84 Taunton) 44/84
	Change	Light to Fl(2) 8s 9m 5M and delete legend "Bn RW"	6°00'05.5"N 116°04'36.5"E
71325	7Ed. 7/9/83 LAST NM 44/84 (Plan A)		(47(3112), 48(3175)84 Taunton) 2/85
	Change	Bn to beacon (minor) R, can topmark	5°15'51"N 115°16'41"E

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71325	(Continued)		
		(Plan B)	2/85
	Add	Lights Fl G 3s 3M	6°00'16"N 116°04'57"E
		Fl R 5s 3M	6°00'12"N 116°04'51"E
		QR 3M	6°00'08"N 116°04'57"E
		Fl R 2s 3M	5°59'57"N 116°04'57"E
71325	7Ed. 7/9/83 LAST NM 2/85		
		(Plan B)	(BA LL) 52/85
	Delete	Light	6°00'15.8"N 116°04'54.5"E
71325	7Ed. 7/9/83 LAST NM 52/85		
		(Plan A)	(14(1047)86 Taunton) 27/86
	Change	Position circle "Bn" to port beacon: R, can topmark, Fl R 3s 8m 5M	5°14'03"N 115°13'47"E
71325	7Ed. 7/9/83 LAST NM 27/86		
		(Plan A)	(31(2265)86 Taunton) 38/86
	Add	Depth 10 meters Wk (PA)	5°14'28.6"N 115°16'34.2"E
71325	7Ed. 7/9/83 LAST NM 38/86		
	Delete	Plan A (Victoria Harbor)	(DMAHTC) 14/87
★71330	12Ed. 9/22/84	NEW EDITION	(DMAHTC; BA CH 2109; BA LL) 46/84
	Change	Period of buoy to 15s	4°42.9'N 114°15.9'E
		Lights to QG 35ft 6M	5°03.5'N 115°06.2'E
		Fl(3) G 5s 30ft 6M	5°02.1'N 115°05.3'E
		VQ(3) 5s 36ft 5M	5°15.1'N 115°15.1'E
	Add	Characteristic IQ to buoy	5°15.8'N 115°07.2'E
71330	12Ed. 9/22/84 LAST NM 46/84		
	Add	Legend to platforms "Fl(3) 10s 15M"	(44(2887)84 Taunton) 50/84
		"Fl(4) 10s 15M"	5°06.1'N 114°26.8'E
			5°12.7'N 114°44.6'E
71330	12Ed. 9/22/84 LAST NM 50/84		
	Add	Platform with light flare symbol	(2(5)85 Sarawak) 14/85
			4°32.7'N 113°36.9'E
71330	12Ed. 9/22/84 LAST NM 14/85		
	Delete	Buoy	(2(4)85 Sarawak) 21/85
			4°59.5'N 115°23.6'E
	Add	Starboard buoy: G, pillar, cone topmark, Fl G 3s	5°00.00'N 115°23.75'E
71330	12Ed. 9/22/84 LAST NM 21/85		
	Add	Platform with light flare symbol	(16(1071)85 Taunton) 27/85
			4°33.0'N 113°37.2'E
		Submarine pipeline joining	4°32.7'N 113°36.9'E
			4°33.0'N 113°37.2'E
			4°35.6'N 113°38.8'E
			4°36.6'N 113°38.4'E
71330	12Ed. 9/22/84 LAST NM 27/85		
	Add	Dangerous wrecks (Mast) (PA)	(21(1416)85 Taunton) 32/85
		(Mast) (PA) marked by light Fl G 3s	4°36.8'N 113°55.8'E
		Stranded wreck (PA) marked by light Fl G 3s	4°36.6'N 113°55.2'E
		Racon to platform	4°35.1'N 113°55.9'E
			4°57.1'N 114°04.0'E
71330	12Ed. 9/22/84 LAST NM 32/85		
	Add	Depths 9 fathoms	(24(1642P)85 Taunton) 33/85
		$3^1/_4$ fathoms	5°13.2'N 115°05.7'E
		$3^3/_4$ fathoms	5°10.9'N 115°07.0'E
		$1^1/_2$ fathoms	5°10.0'N 115°08.5'E
			5°11.0'N 115°09.5'E
71330	12Ed. 9/22/84 LAST NM 33/85		
	Add	Legend "Fl(2) 10s 15M" to platform (See 32/85-71330)	(4(299)86 Taunton) 16/86
			4°57.1'N 114°04.0'E
71330	12Ed. 9/22/84 LAST NM 16/86		
	Change	Light (QG) to Fl(2) 8s	(1(76)86 Taunton) 19/86
			4°36.2'N 113°55.9'E
71330	12Ed. 9/22/84 LAST NM 19/86		
	Change	Bn to port beacon: R, can topmark, Fl R 3s 26ft 5M	(14(1047)86 Taunton) 27/86
			5°13.9'N 115°13.7'E
71330	12Ed. 9/22/84 LAST NM 27/86		
	Add	Depth $5^1/_2$ fathoms Wk (PA)	(31(2265)86 Taunton) 37/86
			5°14.5'N 115°16.6'E

			(9(18)86 Sarawak) 5/87
71330	12Ed. 9/22/84 LAST NM 37/86		
	Add	Submarine pipeline joining (platforms)	4°44.4'N 113°43.7'E
			4°44.8'N 113°44.5'E
			4°45.2'N 113°44.2'E
			(BA CH 2109) 6/87
71330	12Ed. 9/22/84 LAST NM 5/87		
	Add	Pilot station symbol	5°15.1'N 115°05.6'E
			4°44.5'N 114°26.5'E
			4°44.6'N 114°18.2'E
		Buoys, each Y, pillar, "X" topmark,	
		Fl Y 10s	5°08.5'N 114°48.2'E
		Fl Y 15s	5°04.6'N 114°49.6'E
			(51(3766)86 Taunton) 9/87
71330	12Ed. 9/22/84 LAST NM 6/87		
	Delete	Buoy	5°17.3'N 114°59.8'E
			(1(71)87 Taunton) 13/87
71330	12Ed. 9/22/84 LAST NM 9/87		
	Add	Submarine pipeline joining	4°33.0'N 113°37.2'E
			4°33.5'N 113°37.8'E
			4°33.8'N 113°43.2'E
			4°34.0'N 113°46.3'E
			4°34.4'N 113°49.5'E
			(10(782)87 Taunton) 20/87
71330	12Ed. 9/22/84 LAST NM 13/87		
	Delete	Depth 18 fathoms Obstr	4°44.3'N 114°06.5'E
	Add	Depths 28 fathoms Obstr	4°58'14"N 114°04'18"E
		13 fathoms Obstr	4°44'20"N 114°06'30"E
		4 fathoms	4°40'34"N 114°18'40"E
		2½ fathoms	4°40'45"N 114°19'48"E
			(43(3276)87 Taunton) 51/87
71330	12Ed. 9/22/84 LAST NM 20/87		
	Add	Submarine pipeline joining	4°40'29"N 113°51'14"E
			4°43'10"N 113°45'05"E
			4°44'20"N 113°43'38"E
			(46(3495)87 Taunton) 1/88
71330	12Ed. 9/22/84 LAST NM 51/87		
	Delete	Depths 14 fathoms	4°59.3'N 114°24.1'E
		13 fathoms	4°56.3'N 114°20.9'E
		10 fathoms	4°55.3'N 114°19.5'E
		10 fathoms	4°54.8'N 114°20.9'E
		8½ fathoms	4°54.4'N 114°21.3'E
		10 fathoms	4°53.8'N 114°21.3'E
	Add	Submarine pipeline between	5°00'45"N 114°02'10"E
			4°57'07"N 114°04'00"E
		Depths 10 fathoms	4°59'18"N 114°24'07"E
		6¼ fathoms	4°56'22"N 114°20'44"E
		3½ fathoms	4°55'20"N 114°19'22"E
		8 fathoms	4°55'00"N 114°20'48"E
		7 fathoms	4°54'12"N 114°21'05"E
		7½ fathoms	4°53'35"N 114°21'18"E
			(20(1543)88 Taunton) 31/88
71330	12Ed. 9/22/84 LAST NM 1/88		
	Delete	Depths 5 fathoms	4°56.1'N 114°19.7'E
		7 fathoms	4°50.3'N 114°18.9'E
	Add	Depths 4 fathoms	4°56.2'N 114°19.6'E
		6 fathoms	4°50.2'N 114°19.0'E
			(24(1835)88 Taunton) 34/88
71330	12Ed. 9/22/84 LAST NM 31/88		
	Change	Light to Q(3)	4°59.4'N 115°05.2'E
			(40(3004)88 Taunton) 52/88
71330	12Ed. 9/22/84 LAST NM 34/88		
	Delete	Depth 21 fathoms	4°50.1'N 114°15.6'E
	Add	Depths 18 fathoms	4°49.9'N 114°15.8'E
		12 fathoms	4°50.6'N 114°18.3'E
		8¼ fathoms	4°49.8'N 114°19.6'E
			(DMAHTC) 14/88
*71331	10Ed. 1/16/88	NEW EDITION	
			(24(1835)88 Taunton) 34/88
71331	10Ed. 1/16/88 LAST NM 14/88		
		(Panel A)	
	Change	Light to Q(3) 10s 8M Ra Ref and add designation "27"	4°59.4'N 115°05.3'E
		(Panel B)	
	Change	Light "27" to Q(3) 10s 8M Ra Ref	4°59.4'N 115°05.3'E

71331	10Ed. 1/16/88 LAST NM 34/88			(29(2219)88 Taunton) 37/88
			(Panel A)	
	Add		Submarine pipeline joining	5°14.7'N 115°14.5'E
				5°14.1'N 115°14.6'E
				5°13.8'N 115°15.2'E
				5°13.5'N 115°18.4'E
			(Panel B)	
	Add		Submarine pipeline joining	5°14'30"N 115°14'30"E
				5°14'17"N 115°14'30"E
				5°14'01"N 115°14'33"E
				5°13'45"N 115°14'48"E
				5°13'40"N 115°15'01"E
				5°12'37"N 115°24'51"E
				5°12'38"N 115°25'08"E
				5°12'48"N 115°25'28"E
				5°14'10"N 115°27'10"E
71331	10Ed. 1/16/88 LAST NM 37/88			(34(2576)88 Taunton) 43/88
			(Panel B)	
	Add		Light FR	5°15'33"N 115°14'42"E
★71333	1Ed. 12/20/86		NEW CHART	(DMAHTC; BA CH 2109) 14/87
	Add		Pilot station symbol	5°15.2'N 115°05.6'E
71333	1Ed. 12/20/86 LAST NM 14/87			(31(2265)86 Taunton) 21/87
	Delete		Depth 10 meters Wk (PA)	5°14.8'N 115°17.1'E
			Buoy	5°14.8'N 115°17.2'E
	Add		Depth 10 meters Wk (PA), marked close E by buoy C, conical	5°14'26"N 115°16'45"E
71333	1Ed. 12/20/86 LAST NM 21/87			(29(2219)88 Taunton) 37/88
	Add		Submarine pipeline joining	5°14'30"N 115°14'28"E
				5°14'17"N 115°14'28"E
				5°14'03"N 115°14'31"E
				5°13'48"N 115°14'44"E
				5°13'42"N 115°15'04"E
				5°12'54"N 115°22'46"E
			(Plan)	
	Add		Submarine pipeline between	5°14'30.5"N 115°14'28.0"E
				5°14'26.1"N 115°14'28.0"E
71333	1Ed. 12/20/86 LAST NM 37/88			(34(2576)88 Taunton) 43/88
	Add		Double solid line (jetty) joining	5°15'27"N 115°14'45"E
				5°15'32"N 115°14'46"E
				5°15'33"N 115°14'42"E
			Light FR	5°15'33"N 115°14'40"E
			(Plan)	
	Add		Land tint area (jetty) bound by shore and solid line joining	5°15'27.2"N 115°14'44.6"E
				5°15'31.1"N 115°14'45.0"E
				5°15'33.1"N 115°14'41.7"E
				5°15'31.8"N 115°14'41.0"E
				5°15'30.2"N 115°14'43.9"E
				5°15'27.5"N 115°14'43.5"E
			Solid line between	5°15'32.8"N 115°14'41.3"E
				5°15'33.1"N 115°14'40.2"E
			Light FR	5°15'33.1"N 115°14'40.2"E
★71335	1Ed. 1/17/87		NEW CHART	(DMAHTC; 48(3521)86 Taunton) 18/87
	Add		Depth 0.3 meter Obstrn	5°00'18"N 115°08'18"E
71335	1Ed. 1/17/87 LAST NM 18/87			(BA CH 2134) 24/87
			(Plan)	
	Add		Depth 1.2 meters	5°03'17.0"N 115°06'03.5"E
71335	1Ed. 1/17/87 LAST NM 24/87			(24(1835)88 Taunton) 34/88
			(And Plan)	
	Substitute		Beacon "27" BYB, Q(3) 10s 5m 8M Ra Ref for light	
f	Add		Beacon "20" YB, Q(6) + L Fl 15s	4°59'29"N 115°05'20"E
				4°59'29.5"N 115°05'24.6"E

★71340	10Ed. 7/26/86	NEW EDITION	(DMAHTC, 24/86 Sarawak) 39/86
	Delete	Depth 29 fathoms (Previously published 33/86)	3°51.2'N 111°49.2'E
	Add	Depth 21 fathoms "Rep (1986)"	3°51.0'N 111°49.0'E
		Light symbol to platform	4°20.1'N 112°40.7'E
		Submarine pipeline joining (platform)	4°38.4'N 112°18.1'E 4°37.9'N 112°18.5'E 4°33.5'N 112°24.1'E 4°29.0'N 112°29.6'E 4°24.6'N 112°35.2'E
		(platform)	4°20.1'N 112°40.7'E
71340	10Ed. 7/26/86 LAST	NM 39/86	(1(71, 72)87 Taunton) 13/87
	Add	Submarine pipeline joining	4°32.6'N 113°36.9'E 4°33.5'N 113°37.8'E 4°34.3'N 113°49.5'E
		Buoy BRB, pillar, double ball topmark, Fl(2) 8s	3°06.5'N 112°14.0'E
		Platform with light flare symbol	3°36.4'N 112°24.6'E
		Submarine pipeline joining	3°36.4'N 112°24.6'E 3°36.1'N 112°23.5'E 3°35.2'N 112°23.1'E 3°30.6'N 112°22.9'E 3°26.4'N 112°22.3'E
71340	10Ed. 7/26/86 LAST	NM 13/87	(34(2597)87 Taunton) 44/87
	Delete	Platform	4°29.4'N 113°56.6'E
71340	10Ed. 7/26/86 LAST	NM 44/87	(8(14)87 Sarawak) 48/87
	Add	Light 2 Fl 3s 5M	2°51.0'N 111°38.4'E
71340	10Ed. 7/26/86 LAST	NM 48/87	(43(3276)87 Taunton) 51/87
	Delete	Purple dashed line joining	4°29.2'N 113°53.0'E 4°27.3'N 113°55.8'E 4°27.3'N 113°59.5'E
	Add	Purple dashed line joining	4°29'15"N 113°53'01"E 4°26'32"N 113°53'22"E 4°27'20"N 113°59'30"E
		Submarine pipeline joining	4°40'25"N 113°51'10"E 4°43'07"N 113°45'25"E 4°44'28"N 113°43'45"E
71340	10Ed. 7/26/86 LAST	NM 51/87	(BA CH 3838) 30/88
	Add	Depth 2 fathoms 3 feet Rk (PA)	4°49.0'N 112°30.2'E
71340	10Ed. 7/26/86 LAST	NM 30/88	(24(1837)88 Taunton) 34/88
	Add	Dangerous wreck (PA)	3°20.0'N 111°50.0'E
71340	10Ed. 7/26/86 LAST	NM 34/88	(BA LL, 7(564, 565)89 Taunton) 18/89
	Change	Light to Fl(2) 15s 295ft 23M	3°16.6'N 113°03.9'E
	Add	Platform	3°14.3'N 112°44.2'E
		Light Q 4M	2°50.4'N 111°39.9'E
		Submarine pipeline between	3°14.3'N 112°44.2'E 3°14.2'N 112°42.8'E
71340	10Ed. 7/26/86 LAST	NM 18/89	(10(824)89 Taunton) 22/89
	Add	Platform	4°30.1'N 113°37.2'E
★71343	2Ed. 5/10/86	NEW EDITION	(DMAHTC) 28/86
	Delete	Blue tint Legend "QG"	4°23.67'N 113°55.62'E 4°36.22'N 113°55.93'E
71343	2Ed. 5/10/86 LAST	NM 28/86	(9(18)86 Sarawak) 5/87
	Add	Submarine pipeline joining (platforms)	4°44'21"N 113°43'41"E 4°44'47"N 113°44'33"E 4°45'12"N 113°44'13"E
		Legends "(Gas)"	4°45'00"N 113°44'27"E 4°44'36"N 113°44'05"E

71343	2Ed. 5/10/86 LAST NM 5/87		
	Add	Platform "TKJT-H" Mo(U) 10s	(12(25)86 Sarawak) 9/87 4°25'00"N 113°43'19"E
71343	2Ed. 5/10/86 LAST NM 9/87		
	Add	Submarine pipeline joining	(1(71)87 Taunton) 13/87 4°33'55"N 113°43'06"E 4°34'06"N 113°46'12"E 4°34'28"N 113°49'24"E
71343	2Ed. 5/10/86 LAST NM 13/87		
	Delete	Buoys (mooring)	(20(1517)87 Taunton) 29/87 4°28.8'N 113°56.6'E 4°30.3'N 113°56.4'E
	Add	Superbuoy TANKER Mo(U) 15s with legend "SBM-3"	4°29.25'N 113°56.16'E
71343	2Ed. 5/10/86 LAST NM 29/87		
	Delete	Superbuoys TANKER	(34(2597)87 Taunton) 44/87 4°28.38'N 113°56.35'E 4°29.25'N 113°56.16'E
		(See 29/87-71343)	
		Platform	4°29.55'N 113°56.60'E
	Add	Superbuoys TANKER, each Mo(U) 15s "SBM-1" "SBM-2"	4°28.35'N 113°56.28'E 4°29.42'N 113°56.28'E
71343	2Ed. 5/10/86 LAST NM 44/87		
	Delete	Purple dashed line joining	(43(3276)87 Taunton) 51/87 4°29.0'N 113°53.0'E 4°27.0'N 113°56.0'E 4°27.0'N 113°59.7'E
	Add	Purple dashed line joining	4°29.00'N 113°53.01'E 4°26.26'N 113°53.37'E 4°26.98'N 113°59.68'E
		Submarine pipeline between	4°40.43'N 113°51.21'E 4°43.11'N 113°45.25'E 4°44.36'N 113°43.68'E
		Legend "CAUTION NO 3"	4°41.70'N 113°48.47'E
71343	2Ed. 5/10/86 LAST NM 51/87		
	Add	Dangerous wreck	(24(1836)88 Taunton) 34/88 4°35.5'N 113°57.0'E
71343	2Ed. 5/10/86 LAST NM 34/88		
	Add	Buoy RW, pillar, ball topmark, Fl 10s	(49(3677)88 Taunton) 10/89 4°23.28'N 113°56.27'E
★71348	1Ed. 6/14/80	NEW CHART	(DMAHTC) 35/80
71348	1Ed. 6/14/80 LAST NM 35/80		
	Change	Characteristic of lights to Qk Fl G	(33(1851)80 Taunton) 40/80 1°33.99'N 110°24.13'E 1°34.46'N 110°24.18'E 1°34.64'N 110°24.08'E
71348	1Ed. 6/14/80 LAST NM 40/80		
	Change	Light to Qk Fl G 2M and add legend "Bn" and change color of beacon to green and white	(BA LL) 51/80 1°37.9'N 110°27.6'E
		Light to Qk Fl G and color of beacon to green and white	1°35.6'N 110°27.5'E
71348	1Ed. 6/14/80 LAST NM 51/80		
	Add	Depth 6 meters	(51(3052)81 Taunton) 11/82 1°33'04.5"N 110°23'34.2"E
71348	1Ed. 6/14/80 LAST NM 11/82		
		(And Continuation)	(BA LL) 35/86
	Change	Beacon to white, QG 5M	1°37.9'N 110°27.6'E
		(Continuation)	
	Change	Beacons to white, QG 5M red, QR 5M	1°35.6'N 110°27.5'E 1°33.2'N 110°24.0'E
71348	1Ed. 6/14/80 LAST NM 35/86		(BA LL) 49/86
		(And Continuation)	
	Add	Designation "No 2" to light (See 35/86-71348)	1°37.9'N 110°27.6'E

(continued on next page)

71348	(Continued)		49/86
		(Continuation)	
	Add	Designation "No 3" to light	1°35.6'N 110°27.5'E
		(See 35/86-71348)	
71348	1Ed. 6/14/80 LAST NM 49/86		(9(17)86 Sarawak) 5/87
	Add	Buoys, R, can	
		"2" Fl(2) R 6s	1°42'20"N 110°33'17"E
		"4" Fl R 4s	1°40'39"N 110°32'19"E
		"6" Fl R 4s	1°39'18"N 110°31'32"E
		"8" Fl R 4s	1°38'30"N 110°30'05"E
		Buoys, G, conical	
		"3" Fl(2) G 6s	1°42'35"N 110°32'51"E
		"5" Fl G 4s	1°40'53"N 110°31'52"E
		"7" Fl G 4s	1°39'33"N 110°31'06"E
		Buoy "1", RW, spherical, L Fl 10s	1°44'11"N 110°31'51"E
		Beacon "1", white, Fl 6s 9M	1°39'03"N 110°29'30"E
		Note	
		"BUOYAGE	
		IALA Buoyage System (Region A) is	
		in effect in the area covered by this	
		chart. See Chart No. 1."	1°38'50"N 110°19'53"E
		(And Continuation)	
	Add	Buoy "9", G, conical, Iso G 4s	1°37'35"N 110°27'14"E
		(Continuation)	
	Add	Buoys "10", G, conical, Fl G 4s	1°36'00"N 110°27'33"E
		"11", GRG, conical,	
		Fl(2+1) G 8s	1°35'06"N 110°27'13"E
		"12", R, can, Fl R 4s	1°34'55"N 110°25'24"E
		"13", G, conical, Fl G 4s	1°33'42"N 110°24'24"E
		Beacons "4", white, Iso G 4s 5M	1°34'59"N 110°25'01"E
		"6", red, Iso R 4s 5M	1°32'57"N 110°23'32"E
71348	1Ed. 6/14/80 LAST NM 5/87		(51(3767)86 Taunton) 12/87
	Add	Stranded wreck (PA)	1°35.18'N 110°26.47'E
71348	1Ed. 6/14/80 LAST NM 12/87		(11(861)87 Taunton) 21/87
	Delete	Depth 8.2 meters	1°45.4'N 110°31.7'E
	Add	Depth 6.7 meters	1°45.29'N 110°31.46'E
71349	1Ed. 8/4/79	NEW CHART	(DMAHTC) 41/79
71349	1Ed. 8/4/79 LAST NM 41/79		(33(1811)80 Taunton) 40/80
	Change	Characteristic of lights	
		"No 4" to Qk Fl G	1°33.99'N 110°24.13'E
		"No 5" to Qk Fl G	1°34.46'N 110°24.18'E
		"No 6" to Qk Fl G	1°34.64'N 110°24.08'E
		"No 7" to Fl R 15sec	1°34.61'N 110°23.30'E
		"No 8" to 2 Qk Fl G	1°34.55'N 110°22.11'E
		"No 9" to Qk Fl G	1°34.54'N 110°22.11'E
		"No 10" to Qk Fl G	1°34.27'N 110°21.98'E
71349	1Ed. 8/4/79 LAST NM 40/80		(14(800)81 Taunton) 23/81
	Change	Light "No 8" Bns to 2 Qk Fl	
		and legend "BW" to "W"	1°34.55'N 110°22.1'E
71349	1Ed. 8/4/79 LAST NM 23/81		(51(3052)81 Taunton) 11/82
	Add	Depth 6 meters	1°33'04.5"N 110°23'34.2"E
71349	1Ed. 8/4/79 LAST NM 11/82		(1(2)84 Sarawak) 29/84
	Add	Depths 3.9 meters Obstr	1°32'48.3"N 110°23'24.8"E
		4.9 meters Obstr	1°32'45.8"N 110°23'25.0"E
71349	1Ed. 8/4/79 LAST NM 29/84		(BA LL) 35/86
	Change	Beacon to "No 18", red, QR 5M	1°33.2'N 110°24.0'E

71349 1Ed. 8/4/79 LAST NM 35/86

		(BA LL) 49/86
Change	Designation of lights	
	"No 12" to "No 17"	1°34.0'N 110°22.7'E
	"No 11" to "No 16"	1°34.2'N 110°22.3'E
	"No 10" to "No 15"	1°34.3'N 110°22.0'E
	"No 9" to "No 14"	1°34.6'N 110°22.1'E
	"No 8" to "No 13"	1°34.6'N 110°22.1'E
	"No 7" to "No 12"	1°34.6'N 110°23.3'E
	"No 6" to "No 11"	1°34.7'N 110°24.1'E
	"No 5" to "No 10"	1°34.5'N 110°24.2'E
	"No 4" to "No 9"	1°34.0'N 110°24.1'E
	"No 3" to "No 8"	1°33.9'N 110°23.4'E
	"No 2" to "No 7"	1°33.5'N 110°23.5'E
	"No 1" to "No 5"	1°33.2'N 110°24.0'E
	(See 35/86-71349)	

71349 1Ed. 8/4/79 LAST NM 49/86

Relocate	Beacon "No 5"	(9(17)86 Sarawak) 5/87
	(1°33.2'N 110°24.0'E) to	
	(See 49/86-71349)	1°33'10"N 110°23'58"E
Add	Beacon "No 6", red, Iso R 4s 5M	
	Buoy "13", G, conical, Fl G 4s	1°32'56"N 110°23'32"E
		1°33'42"N 110°24'23"E
	Note	
	"BUOYAGE	
	IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	

71349 1Ed. 8/4/79 LAST NM 5/87

Change	Buoy to G, conical, QG	1°33'58"N 110°21'48"E
		(BA CH 1823) 34/86
		1°34'38"N 110°23'52"E

★71350 8Ed. 5/15/82 NEW EDITION

71350 8Ed. 5/15/82 LAST NM 32/82

Delete	Wreck (PA)	(DMAHTC) 32/82
		(Indo CH 283) 10/83
		1°22.3'N 108°50.5'E

71350 8Ed. 5/15/82 LAST NM 10/83

Add	Wreck (PA)	(NVS 6899/83) 16/83
	(See 10/83-71350)	1°22'15"N 108°50'25"E

71350 8Ed. 5/15/82 LAST NM 16/83

Change	Lights to Fl(2) 10s 430ft 24M	(US LL; 1(4)83 Sarawak; BA LL) 17/83
	Fl(2) or 6s 80ft 8M	1°43.6'N 110°31.2'E
		2°04.5'N 111°11.8'E
Add	Dangerous wreck marked by buoy, Fl G 3s	2°07.7'N 111°07.1'E

71350 8Ed. 5/15/82 LAST NM 17/83

Delete	Depth 15 fathoms	(3(206)83 Taunton) 19/83
		2°07.9'N 110°28.3'E
Add	Depths $10\frac{1}{2}$ fathoms	2°14.1'N 109°32.9'E
	$9\frac{1}{2}$ fathoms	2°08.0'N 109°28.0'E
	$9\frac{1}{4}$ fathoms	2°07.6'N 109°26.4'E
	$9\frac{1}{2}$ fathoms	2°08.4'N 109°26.2'E

71350 8Ed. 5/15/82 LAST NM 19/83

Delete	Depth 15 fathoms	(3(206)83 Taunton; BA CH 2107) 23/83
	(See 19/83-71350)	2°07.9'N 109°28.3'E
	Dangerous wreck (Mast)	2°47.5'N 111°25.1'E

71350 8Ed. 5/15/82 LAST NM 23/83

Change	Visibility (range) of light to 18M	(BA CH 1311) 19/84
		2°04.2'N 109°05.9'E
Add	Wreck	3°02.3'N 109°16.2'E

71350 8Ed. 5/15/82 LAST NM 19/84

Delete	Light	(43(379)84 Jakarta) 9/85
		2°04.8'N 109°38.5'E

71350 8Ed. 5/15/82 LAST NM 9/85

Change	Buoys, each to safewater buoy: RW, pillar, ball topmark	(2(4)85 Sarawak) 21/85
	L Fl 10s	2°28.5'N 111°12.5'E
	Oc 4s	2°28.4'N 111°08.1'E
	L Fl 10s	2°09.7'N 111°04.1'E

(continued on next page)

71350	(Continued)			21/85
	Change	Buoy to port buoy: R, pillar, can topmark, Fl R 3.5s		2°08.2'N 111°06.5'E
		Buoy to isolated danger buoy: BRB, pillar, double ball topmark, Fl(2) 8s		1°57.3'N 110°13.6'E
	Add	Note "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region A. For further explanation, see annual NM 1(6) and Chart No. 1."		1°17.5'N 109°33.5'E
71350	8Ed. 5/15/82 LAST	NM 21/85		(18(1220)85 Taunton) 29/85
	Add	Light Fl 15s 561ft 12M		2°04.8'N 109°38.5'E
71350	8Ed. 5/15/82 LAST	NM 29/85		(43(448)85 Jakarta) 6/86
	Add	Depth 9 fathoms "Rep (1985)"		2°36.1'N 109°06.2'E
71350	8Ed. 5/15/82 LAST	NM 6/86		(3(234)86 Taunton) 15/86
	Add	Light L Fl 9s 39ft 7M		2°29.9'N 109°00.6'E
71350	8Ed. 5/15/82 LAST	NM 15/86		(4(7)86 Sarawak) 29/86
	Add	Depth 10½ fathoms "Rep (1986)"		2°14.3'N 109°12.2'E
71350	8Ed. 5/15/82 LAST	NM 29/86		(9(713)87 Taunton) 17/87
	Add	Depth 12 fathoms "Rep (1986)"		2°24'25"N 109°04'40"E
71350	8Ed. 5/15/82 LAST	NM 17/87		(11(861)87 Taunton) 21/87
	Delete	Depth 5¼ fathoms		1°45.5'N 110°31.6'E
	Add	Depth 3¾ fathoms		1°45'38"N 110°31'43"E
71350	8Ed. 5/15/82 LAST	NM 21/87		(4(6)87 Sarawak) 26/87
	Relocate	Buoy close NE to		2°29'45"N 111°10'00"E
71350	8Ed. 5/15/82 LAST	NM 26/87		(Indo CH 282) 33/87
	Delete	Anchorage symbol (large vessels)		1°58.6'N 109°18.9'E
		Bns		1°46.8'N 109°14.8'E 1°45.5'N 109°14.8'E
	Substitute	Stranded wreck for wreck "Rep (1978)"		2°21.7'N 109°20.3'E
71350	8Ed. 5/15/82 LAST	NM 33/87		(BA CH 3836) 39/87
	Add	Pilot station symbol		2°26.2'N 111°16.5'E
71350	8Ed. 5/15/82 LAST	NM 39/87		(8(14)87 Sarawak) 48/87
	Add	Light 2 Fl 3s 5M		2°51.0'N 111°38.4'E
71350	8Ed. 5/15/82 LAST	NM 48/87		(BA LL) 41/88
	Change	Visibility (range) of light to 25M		2°46.9'N 111°19.2'E
71350	8Ed. 5/15/82 LAST	NM 41/88		(11(146)88 Kuala Lumpur) 12/89
	Delete	Buoy		2°29.7'N 111°10.0'E
71350	8Ed. 5/15/82 LAST	NM 12/89		(DMAHTC; 7(564)89 Taunton) 18/89
	Change	Legends to "Continued on 71470"		1°15.7'N 108°42.0'E
		"Continued on 71460"		3°05.0'N 108°30.2'E
	Add	Light Q 4M		2°50.4'N 111°39.9'E
★71400	5Ed. 9/29/84	NEW EDITION		(DMAHTC; 51(603)78 Jakarta) 47/84
	Add	Legend "(PA)" to light		3°30.6'S 110°10.9'E
71400	5Ed. 9/29/84 LAST	NM 47/84		(Indo CH 287) 20/85
	Add	Buoy red and white stripes		3°21.8'S 110°01.0'E
71400	5Ed. 9/29/84 LAST	NM 20/85		(22(1592)86 Taunton) 29/86
	Add	Depth 7½ fathoms "Rep (1986)"		3°26'08"S 109°55'01"E
★71410	1Ed. 10/3/87	NEW CHART		(DMAHTC) 8/88

71410	1Ed. 10/3/87 LAST NM 8/88		
	Change	Light to Fl(2) 8s 12m 11M	(BA LL) 4/89 2°37.3'S 108°12.1'E
71410	1Ed. 10/3/87 LAST NM 4/89		
	Change	Light to Q(3) 10s 175m 36M Racon	(BA LL; BA RA) 11/89 1°43.0'S 108°41.8'E
71410	1Ed. 10/3/87 LAST NM 11/89		
	Add	Depth 10 meters "Rep (1989)" (PA)	(10(826)89 Taunton) 22/89 1°54.7'S 108°09.3'E
★71420	1Ed. 9/5/87	NEW CHART	(DMAHTC) 1/88
71420	1Ed. 9/5/87 LAST NM 1/88		
	Add	Depth 7.9 meters "Rep (1974)" (PA)	(48(3597)88 Taunton) 4/89 1°44.7'S 107°26.3'E
71420	1Ed. 9/5/87 LAST NM 4/89		
	Change	Light to Q(3) 10s 175m 36M Racon	(BA LL; BA RA) 11/89 1°43.0'S 108°41.7'E
★71430	1Ed. 9/26/87	NEW CHART	(DMAHTC) 1/88
71430	1Ed. 9/26/87 LAST NM 1/88		
	Change	Characteristic of light to L Fl(2) 10s	(BA LL) 49/88 0°02.1'N 104°47.0'E
71430	1Ed. 9/26/87 LAST NM 49/88		
	Add	Light Fl(3) 5s 121m 22M	(10(817)89 Taunton) 22/89 0°56.0'N 104°55.3'E
★71440	1Ed. 8/29/87	NEW CHART	(DMAHTC) 47/87
71440	1Ed. 8/29/87 LAST NM 47/87		
	Delete	Legend "PA" from dangerous wreck	(18(138)87 Jakarta) 49/87 1°11.8'N 104°53.6'E
71440	1Ed. 8/29/87 LAST NM 49/87		
	Change	Characteristic of light to Fl 3s	(BA LL) 52/87 1°09.7'N 104°11.3'E
71440	1Ed. 8/29/87 LAST NM 52/87		
	Change	Period of light to 6s (See 52/87-71440)	(BA LL) 3/88 1°09.7'N 104°11.3'E
71440	1Ed. 8/29/87 LAST NM 3/88		
	Change	Period of light to 5s (Supersedes 3/88-71440)	(1(30)88 Singapore) 11/88 1°09.7'N 104°11.4'E
71440	1Ed. 8/29/87 LAST NM 11/88		
	Substitute	Depth 47 meters Wk for 4.7 meters Wk	(MCNM8107/88) 24/88 1°20.4'N 104°22.7'E
71440	1Ed. 8/29/87 LAST NM 24/88		
	Add	Dangerous wreck	(30(258)88 Jakarta) 39/88 1°16.0'N 104°15.0'E
71440	1Ed. 8/29/87 LAST NM 39/88		
	Substitute	Light Fl 10s 10M for position circle "ABAND LT HO"	(48/88 Malaysia) 45/88 2°15.2'N 103°58.8'E
71440	1Ed. 8/29/87 LAST NM 45/88		
	Delete	Dangerous wreck (See 39/88-71440)	(43(3217)88 Taunton) 1/89 1°16.0'N 104°15.0'E
★71445	1Ed. 3/28/87	NEW CHART	(DMAHTC) 23/87
★71450	1Ed. 9/5/87	NEW CHART	(DMAHTC) 48/87
★71455	1Ed. 9/26/87	NEW CHART	(DMAHTC) 48/87
71455	1Ed. 9/26/87 LAST NM 48/87		
	Change	Period of light to 5s	(3(18)88 Jakarta) 13/88 3°57.7'N 108°24.3'E
★71460	1Ed. 9/26/87	NEW CHART	(DMAHTC) 52/87
71460	1Ed. 9/26/87 LAST NM 52/87		
	Delete	Depth 19 meters "Rep (1986)"	(4(7)86 Sarawak) 3/88 2°14.5'N 109°17.0'E
	Substitute	Depth 19 meters "Rep (1986)" for 18.7 meters "Rep (1986)"	2°14.0'N 109°12.7'E

★71465	1Ed. 7/11/87	NEW CHART	(DMAHTC) 39/87
71465	1Ed. 7/11/87 LAST NM 39/87 Substitute	Depth 7.9 meters for 10 meters	(BA CH 3834) 37/88 2°09.9'N 109°38.7'E
71465	1Ed. 7/11/87 LAST NM 37/88 Delete	Anchorage symbol (large vessels)	(Indo CH 282; BA LL) 17/89 1°58.6'N 109°18.7'E
	Change	Light to Fl 5s 83m 24M	3°03.2'N 108°50.8'E
★71470	1Ed. 8/6/88	NEW CHART (Panel A)	(DMAHTC; 43(2865)85 Taunton) 43/88
	Add	Legend "Rep (1985)" to depth 25 meters	0°41.0'N 108°17.4'E
71470	1Ed. 8/6/88 LAST NM 43/88 Add	(Panel A) R Bn	(47(374)88 Jakarta) 10/89 0°20.6'N 108°56.2'E
71470	1Ed. 8/6/88 LAST NM 10/89 Change	(Panel B) Light to Q(3) 10s 175m 36M Racon	(BA LL; BA RA) 11/89 1°43.1'S 108°41.7'E

SUPERTANKER

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6Ed. 7/19/86	NEW EDITION	(DMAHTC) 52/86
Substitute	Depth 5 fathoms for 6 fathoms (Previously published 30/86)	8°34.0'S 114°38.5'E
Delete	Light (Previously published 31/86)	5°26.9'S 114°26.0'E
Delete	Lights	6°34'S 109°50'E 6°47'S 110°11'E 7°43'S 113°13'E 7°03'S 113°56'E
	(Previously published 36/86)	
Change	Light to Fl(3) 20M (Previously published 36/86)	5°33.2'S 114°26.6'E
Add	Light Fl 14M (Previously published 36/86)	7°44.5'S 113°13.4'E
Add	Wreck (Previously published 38/86)	4°04.0'S 111°46.0'E
Add	Depth 5¼ fathoms (Previously published 42/86)	8°17.9'S 114°24.3'E
6Ed. 7/19/86 LAST NM 52/86		(Indo CH 68) 20/87
Delete	Legend "(numerous platforms and pipelines)" Purple dashed line joining	6°01.0'S 107°46.0'E 5°49.5'S 107°28.7'E 5°49.5'S 107°58.0'E 5°54.0'S 107°58.0'E 6°09.5'S 108°14.0'E 6°08.5'S 107°58.0'E 6°09.7'S 107°58.0'E 6°09.7'S 107°28.7'E
Substitute	Purple composite line for purple dashed line joining	5°45.5'S 107°28.7'E 5°45.5'S 107°13.8'E 6°17.2'S 108°45.6'E 6°30.5'S 108°45.6'E 6°30.5'S 108°31.5'E
Change	Line 6 of cautions note to "are approximate"	7°19.0'S 111°19.0'E
Add	Legend "Restricted Area"	5°51.0'S 108°07.0'E
6Ed. 7/19/86 LAST NM 20/87		(18(1410)87 Jakarta) 33/87
Add	Wreck	6°14.0'S 110°54.6'E
6Ed. 7/19/86 LAST NM 33/87		(30(2280)87 Taunton) 41/87
Add	Dangerous wreck	6°08.0'S 109°44.0'E
6Ed. 7/19/86 LAST NM 41/87		(Indo CH 68) 44/87
Substitute	Purple composite line for purple dashed line joining	5°45.5'S 107°28.7'E 5°45.5'S 108°13.8'E 6°17.2'S 108°45.6'E 6°30.5'S 108°45.6'E 6°30.5'S 108°31.5'E
	(See 20/87-72000)	
6Ed. 7/19/86 LAST NM 44/87		(5(332)88 Jakarta) 1/88
Add	Stranded wreck	5°59.0'S 109°57.0'E
6Ed. 7/19/86 LAST NM 14/88		(7(1518)88 Jakarta) 17/88
Add	Dangerous wreck	7°07.1'S 112°39.1'E
6Ed. 7/19/86 LAST NM 17/88		(10(1076)88 Jakarta) 21/88
Add	Wreck	6°37.3'S 113°16.9'E
6Ed. 7/19/86 LAST NM 21/88		(18(1405), 20(1544)88 Taunton) 31/88
Add	Light Fl 22M	6°46.0'S 111°57.1'E
	Dangerous wreck (PA)	4°56.1'S 114°40.1'E
6Ed. 7/19/86 LAST NM 31/88		(13(1109), 22(1918)88 Jakarta) 32/88
Add	Wreck	5°30.0'S 115°59.0'E
	"Rep (1988)"	5°03.0'S 115°59.0'E

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72000	6Ed. 7/19/86 LAST NM 32/88			(408/3005/88 Taunton) 52/88
	Add	Depth 16 fathoms "Rep (1988)"		4°02.5'S 108°55.8'E
72000	6Ed. 7/19/86 LAST NM 52/88			(47(377, 378)88 Jakarta) 10/89
	Add	R Bn at light		4°10.4'S 114°39.0'E
		R Bn		6°24.5'S 110°53.8'E
72000	6Ed. 7/19/86 LAST NM 10/89			(MC NM1027/89; 1098/89 Taunton) 11/89
	Add	Dangerous wreck "Rep (1989)" (PA)		6°28.7'S 113°02.8'E
		Danger circle "Obstr (sunken platform) Rep (1989)"		6°14.5'S 113°02.8'E
		Light Fl 17M		7°36.5'S 114°02.4'E
72000	6Ed. 7/19/86 LAST NM 11/89			(4(40)89 Jakarta; BA LL) 14/89
	Add	Light Fl(2) 19M		6°52.0'S 113°55.0'E
72000	6Ed. 7/19/86 LAST NM 14/89			(BA LL) 18/89
	Change	Light to Fl(3) 18M		6°34.4'S 110°37.5'E
★72007	9Ed. 7/5/86	NEW EDITION		(DMAHTC) 37/86
	Change	Light to Fl(2) 9M		2°22.3'S 116°43.4'E
		(Previously published 36/86)		
72007	9Ed. 7/5/86 LAST NM 37/86			(37(2699)86 Taunton) 44/86
	Add	Light Fl 12M		2°02.3'S 116°32.5'E
72007	9Ed. 7/5/86 LAST NM 44/86			(45(3303)86 Taunton) 4/87
	Add	Depth 19 fathoms "Rep (1986)"		54°44.0'S 116°23.5'E
★72007	9Ed. 7/5/86 LAST NM 4/87			(MC NM7897/87) 9/87
	Delete	Depths $4\frac{1}{4}$ fathoms		5°29.2'S 117°49.5'E
		15 fathoms		5°32.8'S 117°46.5'E
		33 fathoms		5°31.9'S 117°32.0'E
		11 fathoms "Rep (1948)" (PA)		6°08.2'S 118°16.5'E
	Substitute	Depths $8\frac{1}{2}$ fathoms for 22 fathoms		5°32.3'S 117°38.5'E
		$8\frac{1}{4}$ fathoms for 10 fathoms		5°49.0'S 118°09.6'E
		$7\frac{1}{4}$ fathoms for 10 fathoms		5°33.4'S 117°44.5'E
		$8\frac{1}{4}$ fathoms for 10 fathoms		5°25.5'S 117°38.9'E
	Add	Depths $8\frac{1}{4}$ fathoms		6°08.0'S 118°16.4'E
		$7\frac{1}{4}$ fathoms		6°07.2'S 118°19.2'E
		10 fathoms		6°04.3'S 118°17.8'E
		7 fathoms		5°59.2'S 118°25.2'E
		$5\frac{1}{2}$ fathoms		5°53.0'S 118°32.3'E
		$6\frac{1}{4}$ fathoms		5°43.6'S 118°12.0'E
		$7\frac{1}{4}$ fathoms		5°43.0'S 118°20.2'E
		$4\frac{1}{4}$ fathoms		5°38.3'S 118°18.3'E
		$5\frac{1}{4}$ fathoms		5°37.0'S 118°20.9'E
		$9\frac{1}{4}$ fathoms		5°16.5'S 117°32.8'E
		$9\frac{1}{4}$ fathoms		5°19.3'S 117°29.9'E
		13 fathoms		5°20.7'S 117°32.5'E
		$9\frac{3}{4}$ fathoms		5°23.3'S 117°35.4'E
		$5\frac{3}{4}$ fathoms		5°28.9'S 117°48.9'E
		$5\frac{3}{4}$ fathoms		5°27.5'S 117°53.2'E
		7 fathoms		5°42.2'S 117°10.0'E
		19 fathoms		5°44.1'S 117°47.8'E
		8 fathoms		5°32.3'S 117°46.4'E
		11 fathoms		5°50.2'S 117°03.7'E
		5 fathoms		5°47.9'S 117°06.8'E
		$5\frac{3}{4}$ fathoms		5°45.8'S 117°06.7'E
		14 fathoms		5°43.4'S 117°28.1'E
		15 fathoms		5°31.7'S 117°32.6'E
		19 fathoms		5°42.1'S 117°32.1'E
		19 fathoms		5°41.6'S 117°35.8'E
		11 fathoms		5°35.1'S 117°31.4'E
		18 fathoms		5°33.2'S 117°34.2'E
		5 fathoms		5°53.9'S 117°18.7'E
72007	9Ed. 7/5/86 LAST NM 9/87			(6(499)88 Taunton) 14/88
	Add	Light Fl(4) 19M		5°10.5'S 117°39.8'E
72007	9Ed. 7/5/86 LAST NM 14/88			(45(3306)86 Taunton) 21/88
	Add	Depth 19 fathoms "Rep (1986)"		5°44.0'S 116°23.5'E
		(Cancels 4/87-72007)		
72007	9Ed. 7/5/86 LAST NM 21/88			(13(109)88 Jakarta) 32/88
	Add	Wreck "Rep (1988)"		5°03.0'S 115°59.0'E

72007	9Ed. 7/5/86 LAST NM 32/88		(22(191)88 Jakarta) 33/88
	Add	Wreck	5°30.0'S 115°39.0'E
72007	9Ed. 7/5/86 LAST NM 33/88		(37(309)88 Jakarta) 47/88
	Add	Depths 10 fathoms	5°20.7'S 116°36.7'E
		6 fathoms	4°49.0'S 116°49.7'E
		6½ fathoms	4°26.8'S 116°49.8'E
		5½ fathoms	5°47.7'S 118°09.0'E
72007	9Ed. 7/5/86 LAST NM 47/88		(14(1117); 19(1487)89 Taunton; BA LL) 25/89
	Change	Light to Fl 15M	5°23.7'S 118°25.9'E
	Add	Light Fl 18M	8°18.8'S 119°00.5'E
		R Bn at light	3°33.8'S 118°56.0'E
*72014	8Ed. 8/16/86	NEW EDITION	(DMAHTC: 23(289)86 Jakarta) 51/86
	Add	Light L Fl 18M	3°27.2'N 117°52.5'E
		(Previously published 36/86)	
	Change	Characteristic of buoy to Iso 2s	3°14.4'N 117°53.0'E
		(Previously published 37/86)	
	Change	Visibility (range) of light (FR) to 4M	3°14.0'N 117°37.1'E
		(Previously published 42/86)	
	Change	Light (L Fl 12M) to Fl 6M	3°13.9'N 117°36.8'E
72014	8Ed. 8/16/86 LAST NM 51/86		(47(382)88 Jakarta) 10/89
	Add	R Bn	1°12.9'S 116°58.7'E
*72021	6Ed. 7/19/86	NEW EDITION	(DMAHTC: 27(331)86 Jakarta) 37/86
	Delete	Light	5°27.6'S 114°26.5'E
		(Previously published 31/86)	
	Delete	Light	7°42.9'S 113°13.4'E
		(Previously published 36/86)	
	Change	Lights to Fl(3) 20m	5°33.9'S 114°27.1'E
		Fl(2) 9m	2°23.1'S 116°43.1'E
		(Previously published 36/86)	
	Add	Light Fl 14M	7°44.5'S 113°13.6'E
		(Previously published 36/86)	
	Add	Wreck	6°42.5'S 119°14.3'E
72021	6Ed. 7/19/86 LAST NM 37/86		(32(376)86 Jakarta) 38/86
	Add	Wreck	4°04.0'S 111°46.0'E
72021	6Ed. 7/19/86 LAST NM 38/86		(MCNM7812/86) 40/86
	Substitute	Depth 5¼ fathoms for 8 fathoms	8°17.9'S 114°24.3'E
72021	6Ed. 7/19/86 LAST NM 40/86		(45(3303)86 Taunton) 4/87
	Add	Depth 19 fathoms "Rep (1986)"	5°43.0'S 116°27.0'E
72021	6Ed. 7/19/86 LAST NM 4/87		(MCNM7897/87) 9/87
	Delete	Depths 9 fathoms	5°44.0'S 118°20.0'E
		10 fathoms	5°48.5'S 118°11.0'E
		13 fathoms	5°27.5'S 117°53.0'E
	Substitute	Depths 19 fathoms for 21 fathoms	5°44.1'S 117°47.8'E
		7¼ fathoms for 10 fathoms	5°33.4'S 117°44.5'E
	Add	Depths 8¼ fathoms	6°08.0'S 118°16.4'E
		7¼ fathoms	6°07.2'S 118°19.2'E
		5½ fathoms	5°53.0'S 118°32.3'E
		8¾ fathoms	5°49.0'S 118°09.6'E
		6¾ fathoms	5°43.6'S 118°12.0'E
		7¼ fathoms	5°43.0'S 118°20.2'E
		9¼ fathoms	5°16.5'S 117°32.8'E
		9¾ fathoms	5°19.3'S 117°29.9'E
		13 fathoms	5°20.7'S 117°32.5'E
		9¾ fathoms	5°23.3'S 117°35.4'E
		8¼ fathoms	5°25.6'S 117°38.8'E
		7¼ fathoms	5°23.9'S 117°44.7'E

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72021	(Continued)		
	Add	$5^1/_4$ fathoms	9/87 5°27.5'S 117°53.2'E
		$8^1/_2$ fathoms	5°32.3'S 117°38.8'E
		11 fathoms	5°50.2'S 117°03.7'E
		13 fathoms	5°43.4'S 117°28.1'E
		15 fathoms	5°31.7'S 117°32.6'E
		18 fathoms	5°42.1'S 117°32.1'E
		18 fathoms	5°41.6'S 117°33.8'E
		11 fathoms	5°35.1'S 117°31.4'E
		17 fathoms	5°33.2'S 117°34.1'E
		5 fathoms	5°53.9'S 117°18.7'E
72021	6Ed. 7/19/86 LAST NM 9/87 Add	Light Fl R 8M	(48(553)86 Jakarta) 10/87 4°32.0'S 120°28.0'E
72021	6Ed. 7/19/86 LAST NM 10/87 Add	Light Fl(4) 19M	(6(499)88 Taunton) 14/88 5°11.0'S 117°39.0'E
72021	6Ed. 7/19/86 LAST NM 14/88 Add	Wreck	(10(76)88 Jakarta) 21/88 6°37.3'S 113°16.9'E
72021	6Ed. 7/19/86 LAST NM 21/88 Add	Light Fl 22M	(18(1405), 20(1544)88 Taunton) 31/88 6°45.8'S 111°57.1'E
		Dangerous wreck (PA)	4°56.1'S 114°40.3'E
72021	6Ed. 7/19/86 LAST NM 31/88 Add	Wreck "Rep (1988)"	(13(109)88 Jakarta) 32/88 5°03.0'S 115°59.0'E
72021	6Ed. 7/19/86 LAST NM 32/88 Add	Wreck	(22(191)88 Jakarta) 33/88 5°30.0'S 115°59.0'E
72021	6Ed. 7/19/86 LAST NM 33/88 Add	Depths 10 fathoms	(37(309)88 Inchon) 47/88 5°20.1'S 116°36.5'E
		6 fathoms	4°48.5'S 116°48.9'E
		$6^1/_2$ fathoms	4°26.9'S 116°50.0'E
		$11^1/_2$ fathoms	3°21.2'S 118°11.4'E
72021	6Ed. 7/19/86 LAST NM 47/88 Substitute	Depth 2 fathoms for 9 fathoms	(MC NM1003/89) 7/89 6°59.0'S 120°28.5'E
72021	6Ed. 7/19/86 LAST NM 7/89 Add	R Bn at light	(47(377, 382)88 Jakarta) 10/89 4°09.8'S 114°39.0'E
		R Bn	1°12.9'S 116°58.7'E
72021	6Ed. 7/19/86 LAST NM 10/89 Add	Dangerous wreck "Rep (1989)" (PA)	(MC NM1027/89; 1(98)89 Taunton) 11/89 6°28.7'S 113°02.8'E
		Danger circle "Obstr (sunken platform) Rep (1989)"	6°14.5'S 113°02.8'E
		Light Fl 17M	7°36.6'S 114°02.4'E
72021	6Ed. 7/19/86 LAST NM 11/89 Add	Light Fl(2) 19M	(4(40)89 Jakarta; BA LL) 14/89 6°52.0'S 113°55.0'E
72021	6Ed. 7/19/86 LAST NM 14/89 Change	Light to Fl 15M	(14(1117), 19(1487)89 Taunton; BA LL) 25/89 5°24.8'S 118°26.0'E
	Add	Light Fl 18M	8°18.8'S 119°00.5'E
		R Bn at light	3°33.8'S 118°56.1'E
★**72028**	6Ed. 4/12/86 Delete	NEW EDITION Depth 12 fathoms "Rep (1979)"	(DMAHTC) 27/86 6°20.6'S 111°10.3'E
		Buoy	6°36.9'S 112°44.0'E
		(Previously published 23/86)	
	Add	Depths 12 fathoms	6°19.5'S 111°09.8'E
		16 fathoms	6°20.8'S 111°11.3'E
		Buoy, RW, pillar, Fl 5s	6°37.3'S 112°44.5'E
		(Previously published 23/86)	
72028	6Ed. 4/12/86 LAST NM 27/86 Delete	Lights	(21(268)86 Jakarta) 36/86 6°34.6'S 109°50.2'E
			6°48.5'S 110°10.0'E

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72028	(Continued)		36/86
	Add	Buoys, each BRB, pillar, double ball topmark	
		Fl 5s	6°34.3'S 109°50.0'E
		Fl 3s	6°48.6'S 110°10.4'E
72028	6Ed. 4/12/86 LAST	NM 36/86	(Indo CH 69) 31/87
	Add	"Ammunition Dumping Ground" bound by purple dashed line joining	8°06.9'S 109°00.5'E
			8°06.9'S 109°05.3'E
			8°10.0'S 109°05.3'E
			8°10.0'S 109°00.5'E
		Danger circles "Obstr"	5°58.5'S 109°57.1'E
			6°42.5'S 110°09.2'E
		Purple dashed-line circle "Unexploded Ordnance"	5°43.0'S 110°59.0'E
72028	6Ed. 4/12/86 LAST	NM 31/87	(BA LL; 18(141)87 Jakarta) 33/87
	Delete	Light	6°33.0'S 111°16.4'E
	Add	Wreck	6°14.6'S 110°54.4'E
72028	6Ed. 4/12/86 LAST	NM 33/87	(30(2280)87 Taunton) 41/87
	Add	Dangerous wreck (PA)	6°08.0'S 109°44.0'E
72028	6Ed. 4/12/86 LAST	NM 41/87	(47(382)87 Jakarta) 7/88
	Add	Light Fl 3s 12M	5°53.8'S 110°26.8'E
72028	6Ed. 4/12/86 LAST	NM 7/88	(5(32)88 Jakarta) 14/88
	Substitute	Stranded wreck for danger circle "Obstr" (See 31/87-72028)	5°58.5'S 109°57.1'E
72028	6Ed. 4/12/86 LAST	NM 14/88	(47(382)87 Jakarta) 20/88
	Add	Light Fl 3s 12M (Cancels 7/88-71253)	5°53.2'S 110°26.8'E
72028	6Ed. 4/12/86 LAST	NM 20/88	(18(1405)88 Taunton) 31/88
	Add	Light Fl 10s 22M	6°45.9'S 111°56.7'E
72028	6Ed. 4/12/86 LAST	NM 31/88	(47(378, 379)88 Jakarta) 10/89
	Add	R Bn	6°24.5'S 110°54.6'E
		R Bn at light	6°56.0'S 112°43.5'E
72028	6Ed. 4/12/86 LAST	NM 10/89	(BA LL) 18/89
	Change	Light to Fl(3) 18M	6°34.5'S 110°37.8'E
★72035	6Ed. 8/30/86	NEW EDITION	(DMAHTC) 44/86
	Delete	Light (Previously published 36/86)	7°03.1'S 113°56.0'E
	Add	Light Fl 14M (Previously published 36/86)	7°44.5'S 113°13.4'E
	Add	Depth 5 fathoms 1 foot (Previously published 40/86)	8°17.9'S 114°24.3'E
	Delete	Legend "Fl R 4M"	7°43.3'S 113°14.6'E
72035	6Ed. 8/30/86 LAST	NM 44/86	(BA LL) 47/86
	Change	Light to Fl 15M	8°32.0'S 115°31.0'E
72035	6Ed. 8/30/86 LAST	NM 47/86	(44(510)86 Jakarta) 10/87
	Add	Depths 50 fathoms	8°43.2'S 115°20.4'E
		7 fathoms 2 feet	8°45.0'S 115°15.5'E
		10 fathoms 3 feet	8°40.6'S 115°25.4'E
		46 fathoms	8°45.0'S 115°25.0'E
		94 fathoms	8°43.0'S 115°16.4'E
		94 fathoms	8°40.0'S 115°23.0'E
		107 fathoms	8°37.7'S 115°25.1'E
72035	6Ed. 8/30/86 LAST	NM 10/87	(8(63)87 Jakarta) 18/87
	Add	Stranded wreck	7°12'30"S 112°48'30"E
72035	6Ed. 8/30/86 LAST	NM 18/87	(26(208)87 Jakarta) 45/87
	Delete	Anchorage area centered	6°50.7'S 112°44.7'E

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72035	(Continued) Add	Pilot station symbol	45/87 6°52.0'S 112°46.2'E
72035	6Ed. 8/30/86 LAST NM 45/87 Add	Light Fl(4) 16M Dangerous wreck	(41(3114)87 Taunton; 39(311)87 Jakarta) 50/87 7°13.1'S 113°18.7'E 7°12.2'S 112°49.5'E
72035	6Ed. 8/30/86 LAST NM 50/87 Add	Danger circles "Unexploded ordnance rep (1988)"	(9(67)88 Jakarta) 17/88 7°29.5'S 114°21.9'E 7°29.5'S 114°26.2'E 7°29.5'S 114°35.7'E
72035	6Ed. 8/30/86 LAST NM 17/88 Add	Wreck	(10(76)88 Jakarta) 21/88 6°37.3'S 113°16.9'E
72035	6Ed. 8/30/86 LAST NM 21/88 Add	R Bn at light R Bn Wreck "Rep (1988)"	(47(379-381)88 Jakarta) 10/89 6°55.4'S 112°43.5'E 8°50.5'S 115°11.4'E 7°20.3'S 114°47.0'E
72035	6Ed. 8/30/86 LAST NM 10/89 Add	Dangerous wreck "Rep (1989)" (PA) Light Fl 17M	(MCNM1027/89; 1(98)89 Taunton) 11/89 6°28.7'S 113°02.8'E 7°36.4'S 114°02.4'E
72035	6Ed. 8/30/86 LAST NM 11/89 Add	Light Fl(2) 19M	(4(40)89 Jakarta; BA LL) 14/89 6°52.0'S 113°55.0'E
★**72040**	3Ed. 1/46 LAST NM 1A/71 Change	DMA Stock No. to 72BCO7204() in lower right corner of chart Note: Certain copies only	(DMAHC) 6/77
72040	3Ed. 1/46 LAST NM 6/77 Add	Depths $10\frac{3}{4}$ fathoms (PA) in $8\frac{3}{4}$ fathoms (PA)	(5(260)78 Taunton) 12/78 3°46.0'S 110°37.5'E 3°44.3'S 111°41.5'E
72040	3Ed. 1/46 LAST NM 12/78 Add	Light Gp Fl (4) 25sec 36ft 10M	(51(603)78 Jakarta) 27/79 3°30.6'S 110°10.9'E
72040	3Ed. 1/46 LAST NM 27/79 Add	Light Fl R 2s 6M	(5(288)84 Taunton) 12/84 2°55.3'S 111°23.1'E
72040	3Ed. 1/46 LAST NM 12/84 Add	Danger circle "Unexploded Ordnance Rep (1984)"	(38(324)84 Jakarta) 2/85 3°42.0'S 111°02.0'E
72040	3Ed. 1/46 LAST NM 2/85 Add	Light Fl(2) 10s 101ft 17M	(35(2338)85 Taunton) 42/85 3°30.6'S 111°46.4'E
★**72050**	4Ed. 8/10/85 Add	NEW EDITION Lights Fl(2) 10s 10ft 17M Fl(2) 5s 56ft 8M (Previously published 42/85)	(DMAHTC; Indo CH 66) 45/85 3°30'35"S 111°46'48"E 3°26'48"S 112°34'20"E
	Delete	Stranded wreck	3°08.5'S 113°07.5'E
72050	4Ed. 8/10/85 LAST NM 45/85 Add	Light Fl 4s 49ft 8M	(3(29)86 Jakarta) 17/86 3°07'30"S 113°03'44"E
72050	4Ed. 8/10/85 LAST NM 17/86 Add	Wreck	(32(376)86 Jakarta) 38/86 4°04.3'S 111°46.4'E
★**72060**	7Ed. 8/4/84	NEW EDITION	(DMAHTC) 41/84
72060	7Ed. 8/4/84 LAST NM 41/84 Relocate	Light close E to and change to Fl 4s 15M	(Indo CH 289; BA LL) 28/86 3°25'53"S 114°05'53"E
72060	7Ed. 8/4/84 LAST NM 28/86 Add	Stranded wreck Buoys "No. 2", red, Fl R 3s "No. 1", green, Fl G 4s	(51(577), 581)86 Jakarta) 14/87 3°38'09"S 114°24'52"E 3°36'55"S 114°26'29"E 3°34'52"S 114°27'59"E

72060	7Ed. 8/4/84 LAST NM 14/87		(47(377)88 Jakarta) 10/89
	Add	R Bn at light	4°10.4'S 114°38.8'E
★72070	3Ed. 8/3/85	NEW EDITION	(DMAHTC; HNNM7589/85) 42/85
	Delete	Depth 9¼ fathoms "Rep (1928)" (PA)	4°31.7'S 116°11.6'E
	Add	Depth 9¼ fathoms	4°31.5'S 116°10.8'E
72070	3Ed. 8/3/85 LAST NM 42/85		(51(577, 581)86 Jakarta) 14/87
	Add	Stranded wreck	3°38.1'S 114°24.9'E
		Buoys "No. 2", red, Fl R 3s	3°36.9'S 114°26.5'E
		"No. 1", green, Fl G 4s	3°34.9'S 114°28.0'E
72070	3Ed. 8/3/85 LAST NM 14/87		(47(377)88 Jakarta) 10/89
	Add	R Bn at light	4°10.4'S 114°38.8'E
★72075	1Ed. 11/23/85	NEW CHART	(DMAHTC) 8/86
72075	1Ed. 11/23/85 LAST NM 8/86		(28(341)86 Jakarta) 38/86
	Change	Buoyage note to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See chart No. 1."	3°22.5'S 115°23.5'E
	Add	Buoy, RW, pillar, ball topmark, Fl 5s	3°02'40"S 116°20'00"E
72075	1Ed. 11/23/85 LAST NM 38/86		(48(550)86 Jakarta) 7/87
	Add	Buoy G, conical, Fl G 5s	3°12.0'S 116°18.7'E
★72080	6Ed. 8/24/85	NEW EDITION	(DMAHTC) 45/85
	Delete	Depth 9 fathoms 2 feet (Previously published 43/85)	4°31.6'S 116°11.7'E
	Add	Depth 9 fathoms 2 feet (Previously published 43/85)	4°31.5'S 116°10.8'E
★72080	6Ed. 8/24/85 LAST NM 45/85		(HNNM7690/86) 9/86
	Add	Depth 15 fathoms "Rep (1983)" (PA)	5°10.0'S 116°39.0'E
72080	6Ed. 8/24/85 LAST NM 9/86		(52(557)85 Jakarta) 16/86
	Add	Light Fl 3½s 59ft 13M	3°27.0'S 116°01.1'E
72080	6Ed. 8/24/85 LAST NM 16/86		(45)86 Jakarta) 17/86
	Relocate	Light close NE to	5°06.2'S 117°04.3'E
72080	6Ed. 8/24/85 LAST NM 17/86		(BA LL) 26/86
	Change	Light to Oc 5s 138ft 16M (See 17/86-72080)	5°06.2'S 117°04.3'E
72080	6Ed. 8/24/85 LAST NM 26/86		(48(550)86 Jakarta; Indo CH 129) 7/87
	Change	Shape of buoy to can	3°11.8'S 116°15.3'E
	Add	Buoy G, conical, Fl G 5s	3°11.9'S 116°18.3'E
72080	6Ed. 8/24/85 LAST NM 7/87		(13(109)88 Jakarta) 26/88
	Add	Wreck "Rep (1988)"	5°03.0'S 115°59.0'E
72080	6Ed. 8/24/85 LAST NM 26/88		(37(309)88 Jakarta) 47/88
	Add	Depths 10 fathoms 1 foot	5°20.7'S 116°36.7'E
		5 fathoms 5 feet	4°49.0'S 116°49.7'E
		6 fathoms 4 feet	4°26.8'S 116°49.8'E
★72084	1Ed. 12/15/84	NEW CHART	(DMAHTC) 12/85
72084	1Ed. 12/15/84 LAST NM 12/85		(52(557)85 Jakarta) 16/86
	Change	Note to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	3°32.3'S 116°05.2'E
	Add	Beacon, G, cone topmark	3°19'34"S 116°05'35"E

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72084	(Continued)		
		(And Plan A)	16/86
	Add	Light Fl 3½s 18m 13M	3°27'07"S 116°01'26"E
		Range beacons	
		front	3°25'38"S 116°00'16"E
		rear	3°25'42"S 116°00'08"E
72084	1Ed. 12/15/84 LAST NM 16/86		(28(341)86 Jakarta) 38/86
	Add	Buoy, RW, pillar, ball topmark, Fl 5s	3°02'40"S 116°20'00"E
72084	1Ed. 12/15/84 LAST NM 38/86		(48(550)86 Jakarta) 7/87
		(Continuation)	
	Add	Buoy G, conical, Fl G 5s	3°12.0'S 116°18.7'E
★72085	1Ed. 9/26/87	NEW CHART	(DMAHTC) 50/87
72085	1Ed. 9/26/87 LAST NM 50/87		(51(417)87 Jakarta) 11/88
	Change	Light to Fl(2) 9M	5°07.4'S 119°20.3'E
72085	1Ed. 9/26/87 LAST NM 11/88		(6(499)88 Taunton) 14/88
	Add	Light Fl(4) 30s 44m 19M	5°10.5'S 117°39.6'E
72085	1Ed. 9/26/87 LAST NM 14/88		(7(53)88 Jakarta) 17/88
	Change	Light to Fl 5s 15m 10M	4°02.7'S 119°35.5'E
72085	1Ed. 9/26/87 LAST NM 17/88		(13(109)88 Jakarta) 26/88
	Add	Wreck "Rep (1988)"	5°03.0'S 115°59.0'E
72085	1Ed. 9/26/87 LAST NM 26/88		(22(191)88 Jakarta) 32/88
	Add	Wreck	5°30.0'S 115°59.0'E
72085	1Ed. 9/26/87 LAST NM 32/88		(19(1487)89 Taunton; BA LL) 25/89
	Change	Light to Fl 5s 33m 15M	5°23.7'S 118°25.3'E
	Add	R Bn at light	3°33.5'S 118°56.2'E
★72094	1Ed. 5/4/85	NEW CHART	(DMAHTC) 30/85
72094	1Ed. 5/4/85 LAST NM 30/85		(25(1678)85 Taunton) 34/85
	Delete	Buoys "1"	1°26.6'S 116°47.3'E
		"2"	1°29.0'S 116°47.3'E
	Add	Platform with light flare symbol	1°26.8'S 116°55.4'E
72094	1Ed. 5/4/85 LAST NM 34/85		(22(235, 236)85 Jakarta) 44/85
	Change	Light to Fl(2) 4s 13m 10M	2°22.3'S 116°43.6'E
		Characteristic of light to Fl(3) 10s	2°15.5'S 116°40.2'E
72094	1Ed. 5/4/85 LAST NM 44/85		(22(279)86 Jakarta) 36/86
	Change	Light to Fl(2) 5s 13m 9M	2°22.3'S 116°43.6'E
72094	1Ed. 5/4/85 LAST NM 36/86		(37(2699)86 Taunton) 44/86
	Add	Light Fl 4s 15m 12M	2°02'20"S 116°32'53"E
72094	1Ed. 5/4/85 LAST NM 44/86		(47(382)88 Jakarta) 10/89
	Add	R Bn	1°12'51"S 116°58'43"E
★72100	6Ed. 2/18/84	NEW EDITION	(DMAHTC; US CH 72100; NVS6577/82) 16/84
	Add	Danger circle "Unexploded ordnance"	1°23'30"S 116°55'00"E
		(Previously published 15/84)	
	Delete	Buoys	
		(Fl R 8s) and legend "(unreliable)"	1°20.0'S 116°52.5'E
		(green)	1°19.7'S 116°54.8'E
		(mooring)	1°21.8'S 116°54.6'E
	Change	Buoy to safe water buoy: RW, conical, ball topmark, Fl 10s	1°21.5'S 116°56.7'E

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			16/84
*72100	(Continued) Add	Note "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region A. For further explanation, see annual NM 1(6) and Chart No. 1."	0°32'00"S 116°49'30"E
72100	6Ed. 2/18/84 LAST Add	NM 16/84 Position circle "Pipe (30ft) Rep (1983)" (PA)	(11(701, 702)84 Taunton) 17/84 1°06.1'S 117°23.7'E
		Depths 21 fathoms 21 fathoms 11 fathoms	0°27.7'S 117°50.0'E 0°30.7'S 117°45.6'E 0°39.0'S 117°50.0'E
72100	6Ed. 2/18/84 LAST Add	NM 17/84 "RESTRICTED AREA" bound by purple composite line joining	(20(179)84 Jakarta) 39/84 1°26.8'S 116°49.5'E 1°26.6'S 116°56.9'E 1°27.0'S 116°56.9'E 1°27.7'S 116°56.8'E 1°27.1'S 116°49.5'E
72100	6Ed. 2/18/84 LAST Delete	NM 39/84 Dangerous wreck	(44(388)84 Jakarta) 10/85 1°23.6'S 116°49.5'E
72100	6Ed. 2/18/84 LAST Delete	NM 10/85 Buoys	(25(1678)85 Taunton) 34/85 1°26.6'S 116°47.3'E 1°29.0'S 116°47.3'E
	Substitute	Platform with light flare symbol for submerged well	1°26.8'S 116°55.4'E
72100	6Ed. 2/18/84 LAST Delete	NM 34/85 Anchorage area Buoys (mooring) Position circle "FLARE"	(10(764)86 Taunton) 22/86 0°59.1'S 117°27.2'E 0°58.9'S 117°26.7'E 0°58.5'S 117°30.2'E
	Add	Position circle "Flare" Dashed-line circle, radius 1 mile, with anchorage symbol (large vessels), centered	0°59'58"S 117°29'52"E 1°03'01"S 117°29'58"E
72100	6Ed. 2/18/84 LAST Add	NM 22/86 Light Fl 4s 15m 8M	(14(179)86 Jakarta) 30/86 1°45.2'S 116°28.4'E
72100	6Ed. 2/18/84 LAST Change	NM 30/86 Buoy to red and white, Iso 2s Ra Ref	(23(285)86 Jakarta) 37/86 0°59.4'S 117°19.9'E
72100	6Ed. 2/18/84 LAST Add	NM 37/86 Wreck	(43(351)88 Jakarta) 53/88 0°46.7'S 117°46.6'E
72100	6Ed. 2/18/84 LAST Add	NM 53/88 R Bn	(47(382)88 Jakarta) 10/89 1°12'51"S 116°58'48"E
*72101	5Ed. 10/23/82	NEW EDITION	(DMAHTC) 52/82
72101	5Ed. 10/23/82 LAST Delete	NM 52/82 Dangerous wreck (Mast) Stranded wreck (PA)	(NVS6899/83) 16/83 1°16'24"S 116°47'49"E 1°16'18"S 116°47'39"E
	Relocate	Buoy "16" close E to	1°16'22.3"S 116°47'53.1"E
	Add	Dangerous wreck (Mast)	1°16'18.3"S 116°47'46.1"E
72101	5Ed. 10/23/82 LAST Add	NM 16/83 Note "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	(40(2303)81 Taunton; NVS6317/81) 48/83 1°14'12"S 116°52'57"E
72101	5Ed. 10/23/82 LAST Add	NM 48/83 Light 2 Q 6M with legend "Pipe"	(47(422)84 Jakarta) 10/85 1°20'54.1"S 116°48'16.4"E

72101 5Ed. 10/23/82 LAST NM 10/85

Change	Designation of buoy "16" to "14"	(5(63)86 Jakarta) 17/86 1°16'22.3"S 116°47'53.1"E
Add	Buoys, each Y, pillar	
	Fl(4) Y 10s	1°14'39"S 116°47'43"E
	Fl(4) Y 10s	1°14'37"S 116°47'58"E
	Fl Y 5s	1°14'53"S 116°47'17"E
	Fl Y 5s	1°14'52"S 116°47'57"E
	Fl Y 1½s	1°15'24"S 116°48'34"E

72101 5Ed. 10/23/82 LAST NM 17/86

Relocate	Buoy	(12(153)86 Jakarta) 25/86
	(1°14'39"S 116°47'43"E) close W to	1°14'39"S 116°47'14"E
	(See 17/86-72101)	

72101 5Ed. 10/23/82 LAST NM 25/86

Delete	Designation "14" from buoy	(DMAHTC, 14(175-178)86 Jakarta) 30/86 1°17.5'S 116°48.8'E
Change	Characteristic of buoys	
	"2" to Fl R 2s	1°20.0'S 116°54.0'E
	"12" to Fl R 3s	1°18.8'S 116°48.8'E
	Buoy to "8" R, can, can topmark, Fl R 4s	1°19.9'S 116°50.4'E
	Buoys to Y, pillar, "X" topmark, Fl Y 2s	1°14.6'S 116°47.2'E
		1°14.6'S 116°48.0'E
		1°14.9'S 116°47.3'E
		1°14.9'S 116°47.9'E
	(See 17.25/86-72101)	
	Buoy to "4" R, can, can topmark, Fl R 4s	1°19.9'S 116°53.4'E
Add	"X" topmark to buoy	1°15'24"S 116°48'34"E
	(See 17/86-72101)	
	Light Q 16m 8M	1°19'10"S 116°47'30"E

72101 5Ed. 10/23/82 LAST NM 30/86

Add	Dangerous wreck marked close	(24(299)86 Jakarta) 37/86
	SE by buoy, R, pillar, Fl R 5s	1°13'18.1"S 116°48'24.6"E

72101 5Ed. 10/23/82 LAST NM 37/86

Delete	Buoys (undesignated)	(Indo CH 157) 28/87
	"1"	1°21'31.3"S 116°56'41.5"E
	"4"	1°19'43.0"S 116°54'37.8"E
	"10"	1°19'51.8"S 116°53'25.1"E
	"12"	1°20'01.5"S 116°49'53.2"E
	Designation "W" from buoy	1°18'47.0"S 116°48'45.9"E
	Dangerous wreck	1°19'42.9"S 116°54'44.6"E
	Submerged well symbol and legends "Subm Well"	1°18'37.5"S 116°49'00.6"E
		1°16'47.6"S 116°47'11.3"E
Relocate	Buoys	
	"2" (1°20'01.3"S 116°53'59.0"E) to	1°19'49.5"S 116°54'06.8"E
	and change to "4" R, can, can topmark, Fl R 4s	
	"3" (1°19'32.1"S 116°52'42.9"E)	1°19'32.5"S 116°52'40.2"E
	and change to "5", conical, cone topmark, Fl G 5s	
	"6" (1°19'56.5"S 116°52'31.1"E)	1°20'01.0"S 116°52'00.7"E
	"8" (1°19'52.3"S 116°50'25.0"E)	1°19'55.7"S 116°49'54.0"E
	"5" (1°19'46.0"S 116°49'50.0"E)	1°19'25.1"S 116°49'54.9"E
	and change designation to "9"	
	"14" (1°17'28.7"S 116°47'49.4"E)	1°17'20.3"S 116°47'37.1"E
	and change designation to "12"	
Substitute	Depth 10.9 meters for 12.9 meters	1°18'58.3"S 116°49'15.8"E
Add	Buoy RW, pillar, bal^{l} topmark, Fl 10s	1°21'28.3"S 116°55'42.1"E
	Buoys, each G, conical, cone topmark,	
	"1" Fl G 3s	1°20'25.1"S 116°55'25.4"E
	"3" Fl G 7s	1°19'41.1"S 116°54'50.4"E
	"7" Fl G 5s	1°19'22.5"S 116°51'22.5"E
	"11" Fl G 7s	1°18'06.8"S 116°48'50.4"E
	Buoys, each R, can topmark,	
	"2" Fl R 2s	1°20'50.6"S 116°55'03.0"E
	"10" Fl R 4s	1°18'28.2"S 116°48'26.9"E

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72101	(Continued)		28/87
	Add	Danger circle "Well"	1°16'18.5"S 116°47'07.7"E
		Dangerous wreck	1°18'38.7"S 116°49'10.3"E
72101	5Ed. 10/23/82 LAST NM 28/87		(47(382)88 Jakarta) 10/89
	Add	R Bn	1°12'51"S 116°58'43"E
★72103	1Ed. 7/17/82	NEW CHART	(DMAHTC) 42/82
72103	1Ed. 7/17/82 LAST NM 42/82		(39(2370)82 Taunton) 5/83
	Change	Characteristic of buoy to Q	1°03'00"S 117°13'17"E
72103	1Ed. 7/17/82 LAST NM 5/83		(Indo LL) 35/83
	Change	Lights to Fl 2s 11m 6M	0°59'18"S 117°20'12"E
		Iso 4s 16m 12M	0°59'09"S 117°19'02"E
		Light "1" to Q 7m 8M	0°58'21"S 117°18'53"E
72103	1Ed. 7/17/82 LAST NM 35/83		(11(702)84 Taunton) 17/84
	Add	Position circle "Pipe (9) Rep (1983)" (PA)	1°06'04"S 117°23'07"E
72103	1Ed. 7/17/82 LAST NM 17/84		(10(764)86 Taunton) 22/86
	Delete	Anchorage area	0°58'59"S 117°27'01"E
		Buoys (mooring)	0°58'49"S 117°26'29"E
			0°57'55"S 117°27'07"E
			0°58'46"S 117°21'19"E
		Position circle "Flare"	0°58'31"S 117°30'07"E
	Add	"ANCHORAGE" area, bound by dashed-line circle, radius 1 mile, centered	1°03'01"S 117°31'02"E
		Position circle "Flare"	0°59'47"S 117°29'58"E
72103	1Ed. 7/17/82 LAST NM 22/86		(23(285)86 Jakarta) 37/86
	Change	Characteristic of buoy to Iso 2s	0°59.5'S 117°20.0'E
72103	1Ed. 7/17/82 LAST NM 37/86		(33(2403)86 Taunton) 40/86
	Add	Dangerous wreck marked close SE by buoy, red can	0°59'48"S 117°19'47"E
72103	1Ed. 7/17/82 LAST NM 40/86		(35(413)86 Jakarta) 44/86
	Change	Characteristic of buoys to Mo(U) 15s	1°00'33"S 117°29'04"E
			1°03'00"S 117°13'17"E
		Designation of platforms to	
		"BE" and add light flare symbol	0°58'44"S 117°31'33"E
		"BK" and add light flare symbol	0°58'56"S 117°30'11"E
	Add	Platforms each with light flare symbol	
		"PP"	0°59'53.8"S 117°29'55.9"E
		"BA"	0°59'54.1"S 117°29'57.9"E
		"BB"	1°00'25.6"S 117°30'35.3"E
		"BC"	0°59'12.5"S 117°30'20.9"E
		"BF"	0°59'31.9"S 117°31'10.1"E
		"BG"	0°59'04.3"S 117°30'33.6"E
		"BH"	0°58'21.2"S 117°30'53.9"E
		"BJ"	1°00'47.4"S 117°30'45.6"E
		"BL"	0°59'45.0"S 117°30'42.6"E
		"BN"	0°59'23.4"S 117°29'09.7"E
		"LQ"	0°59'56.0"S 117°29'55.0"E
72103	1Ed. 7/17/82 LAST NM 44/86		(36(420)86 Jakarta) 47/86
	Add	Buoy, G, conical, Fl G 5s	0°52'54"S 117°18'54"E
		Note "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	0°55'00"S 117°06'42"E
72103	1Ed. 7/17/82 LAST NM 47/86		(BA LL) 31/88
	Delete	Light	0°59.3'S 117°20.2'E
★72105	1Ed. 9/28/85	NEW CHART	(DMAHTC) 48/85
72105	1Ed. 9/28/85 LAST NM 48/85		(14(179)86 Jakarta) 30/86
	Add	Light Fl 8M	1°45.0'S 116°28.3'E

72105	1Ed. 9/28/85 LAST NM 30/86		
	Change	Light to Fl(2) 5s 9M	(22(279)86 Jakarta) 36/86 2°22.4′S 116°43.4′E
72105	1Ed. 9/28/85 LAST NM 36/86		
	Delete	Buoyage note	(28(341)86 Jakarta) 38/8 2°22.0′S 116°14.5′
	Add	Buoy, RW, pillar, ball topmark, Fl 5s	3°02′40″S 116°20′00″E
72105	1Ed. 9/28/85 LAST NM 38/86		
	Change	Characteristic of buoy to Mo(U) 15s	(35(413)86 Jakarta; 37(2699)86 Taunton) 44/86 1°00.6′S 117°29.0′E
	Add	Light Fl 4s 12M	2°02.3′S 116°32.5′E
72105	1Ed. 9/28/85 LAST NM 44/86		
	Delete	Light	(BA LL) 31/88 0°58.6′S 117°20.4′E
72105	1Ed. 9/28/85 LAST NM 31/88		
	Add	Wreck	(43(351)88 Jakarta) 53/88 0°46.7′S 117°46.6′E
72105	1Ed. 9/28/85 LAST NM 53/88		
	Add	R Bn	(47(382)88 Jakarta) 10/89 1°12.8′S 116°58.8′E

★72107	1Ed. 2/2/85	NEW CHART	
	Delete	Dangerous wreck	(DMAHTC; 44(388)84 Jakarta) 18/85 1°23.7′S 116°49.6′E
72107	1Ed. 2/2/85 LAST NM 18/85		
	Delete	Buoys "1"	(25(1678)85 Taunton) 34/85 1°26.6′S 116°47.2′E 1°29.0′S 116°47.2′E
	Add	Platform with light flare symbol	1°26.8′S 116°55.4′E
72107	1Ed. 2/2/85 LAST NM 34/85		
	Delete	Anchorage area Buoys (mooring)	(10(764)86 Taunton) 22/86 0°59.0′S 117°26.9′E 0°57.8′S 117°27.1′E 0°58.8′S 117°26.4′E 0°58.7′S 117°21.3′E
	Add	Position circle "Flare" Dashed-line circle radius 1 mile, with anchorage symbol (large vessels), centered	0°59′45″S 117°30′02″E 1°03′01″S 117°29′58″E
72107	1Ed. 2/2/85 LAST NM 22/86		
	Add	Light Q 8M	(14(178)86 Jakarta) 30/86 1°19′10″S 116°47′30″E
72107	1Ed. 2/2/85 LAST NM 30/86		
	Change	Characteristic of buoys to Mo(U) 15s	(35(413)86 Jakarta) 44/86 1°00.5′S 117°29.1′E 1°03.1′S 117°13.2′E
72107	1Ed. 2/2/85 LAST NM 44/86		
	Delete	Light	(BA LL) 31/88 0°59.3′S 117°20.3′E
72107	1Ed. 2/2/85 LAST NM 31/88		
	Add	Wreck	(43(351)88 Jakarta) 53/88 0°46.7′S 117°46.6′E
72107	1Ed. 2/2/85 LAST NM 53/88		
	Add	R Bn	(47(382)88 Jakarta) 10/89 1°12′51″S 116°58′43″E

★72109	3Ed. 9/28/85	NEW EDITION	
	Add	Submarine pipeline between	(DMAHTC) 48/85 10°06′08″N 117°35′21″E 10°06′16″N 117°35′27″E
72109	3Ed. 9/28/85 LAST NM 48/85		
	Relocate	Buoys "No 15" close SE to "No 16" close SE	(31(327)85 Jakarta) 3/86 0°05′19.9″N 117°31′39.7″E 0°05′07.1″N 117°31′29.2″E
72109	3Ed. 9/28/85 LAST NM 3/86		
	Delete	Platform	(19(1415)86 Taunton) 33/86 0°06.1′N 117°36.6′E
72109	3Ed. 9/28/85 LAST NM 33/86		
	Change	Characteristic of buoy "No 12" to QR	(Indo LL) 1/87 0°04′22″N 117°32′28″E
72109	3Ed. 9/28/85 LAST NM 1/87		
	Relocate	Buoy "A" close S to	(19(147)87 Jakarta) 33/87 0°01′16″N 117°35′36″E
72109	3Ed. 9/28/85 LAST NM 33/87		
	Relocate	Buoy close NNW to and change period to 5s	(45(362, 363)88 Jakarta) 8/89 0°05′45.2″N 117°30′22.0″E

(continued on next page)

			8/89
72109	(Continued) Relocate	Buoy close SE to	0°05′26.8″N 117°30′29.0″E
	Change	Buoy "No. 22" to "No. A-B" BYB, pillar, double cone topmark bases together, Fl(3) 10s	0°05′31.0″N 117°29′50.0″E
	Add	Buoys, each R, spar, can topmark, "No 22B" Fl R 4s	0°05′17.6″N 117°30′03.1″E
		"No 24B" Fl R 2s	0°05′07.6″N 117°29′51.7″E
		Buoys, each Y, spar, "X" topmark, Fl Y 2s "No. 28B"	0°04′38.0″N 117°29′23.0″E
		"No. 32B"	0°04′37.0″N 117°29′07.3″E
		Lights "TG" Q 16m 9M	0°04′30.5″N 117°28′54.9″E
		"OG" Iso 6s 23m 12M	0°04′27.9″N 117°28′50.6″E
		"OC 2" Iso 6s 23m 12M	0°06′04.3″N 117°30′43.4″E
		(And Plan B)	
	Delete	Beacons "No. 22A"	0°04′56″N 117°29′37″E
		"No. 23A"	0°05′20″N 117°29′39″E
	Add	Buoys, each G, spar, cone topmark, "No. 36B" Fl G 3s	0°04′53.0″N 117°29′01.5″E
		"No. 25B" Fl G 5s	0°05′07.0″N 117°29′24.1″E
		"No. 23B" Fl G 7s	0°05′20.5″N 117°29′42.2″E
		Light "SG" Fl WRG 5s 34m 16M with sectors green 243°-265°, white-333°, red-063°, obsc-243°	0°04′59.6″N 117°29′10.7″E
		Buoys "No. 26B" R, spar, can topmark, Fl R 6s	0°04′54.7″N 117°29′34.4″E
		"No. 34B" Y, spar, "X" topmark, Fl Y 2s	0°04′46.0″N 117°29′02.3″E
72109	3Ed. 9/28/85 LAST NM 8/89 Add	Legend "FLARE" to platform	(MCNM1018/89) 9/89 0°06′32″N 117°35′39″E
★72110	8Ed. 8/3/85	NEW EDITION	(DMAHTC) 44/85
★72110	8Ed. 8/3/85 LAST NM 44/85 Add	Depth 23 fathoms "Rep (1985)"	(MCNM7751/86) 19/86 0°04.1′N 117°43.5′E
72110	8Ed. 8/3/85 LAST NM 19/86 Change	Characteristic of buoys	(30(361)86 Jakarta; 31(2267)86 Taunton) 37/86
		"10" to Fl R 6s	0°06.7′S 117°34.3′E
		"12" to Fl R 6s	0°07.3′S 117°33.0′E
	Add	Buoy, Y, pillar, "X" topmark, Fl Y 7s	0°09.2′S 117°39.2′E
		Legend "Less water rep (1986)"	0°05.7′S 117°33.8′E
72110	8Ed. 8/3/85 LAST NM 37/86 Relocate	Buoy close S to	(19(147)87 Jakarta) 33/87 0°01′16″N 117°35′32″E
72110	8Ed. 8/3/85 LAST NM 33/87 Delete	Buoys "6"	(30(2294)88 Taunton) 39/88 0°05.2′S 117°41.0′E
		(undesignated)	0°06.7′S 117°51.4′E
72110	8Ed. 8/3/85 LAST NM 39/88 Delete	Position circle "FLARE"	(MCNM1018/89) 9/89 0°06′32″S 117°35′32″E
	Add	Legend "FLARE" to platform	0°06′22″N 117°35′20″E
72110	8Ed. 8/3/85 LAST NM 9/89 Add	Depth 99 fathoms	(50(411)88 Jakarta) 14/89 0°26.5′N 118°26.4′E
72120	3Ed. 8/23/80 Add	NEW EDITION Depth 11 fathoms (Previously published 36/80)	(DMAHTC) 45/80 1°10.1′N 119°06.3′E

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★72120	3Ed. 8/23/80 LAST	NM 45/80	(NVS6706/82) 31/82
	Change	Caution note to "CAUTION Muaras Reef lies about 2½ miles farther NNW than charted."	1°08'15"N 117°37'15"E
72120	3Ed. 8/23/80 LAST	NM 31/82	(31(242)82 Jakarta) 52/82
	Add	Buoys (mooring)	2°00'15"N 117°52'35"E 1°58'55"N 117°54'36"E
72120	3Ed. 8/23/80 LAST	NM 52/82	(Indo LL) 12/84
	Change	Light to Gp Fl(2) 12sec 105ft 7M	1°46.3'N 119°01.8'E
72120	3Ed. 8/23/80 LAST	NM 12/84	(22(1458)85 Taunton) 32/85
	Change	Characteristic of light to Fl 5s	1°46.3'N 119°01.8'E
72120	3Ed. 8/23/80 LAST	NM 32/85	(14(106)87 Jakarta) 27/87
	Add	Light Fl 3s 49ft 11M	2°05'10"N 118°24'35"E
★72120	3Ed. 8/23/80 LAST	NM 27/87	(MCNM8118/88) 30/88
	Delete	Depth 3 fathoms	2°12.0'N 118°11.6'E
	Substitute	Depth 2 feet for 10 fathoms 5 feet	2°13.0'N 118°08.9'E
	Add	Depths 1 fathom 3 feet	2°12'04"N 118°11'32"E
		4 fathoms	2°09'59"N 118°15'30"E
		0 fathom 2 feet	2°08'30"N 118°10'27"E
		0 fathom 2 feet	2°09'30"N 118°10'05"E
★72130	4Ed. 3/31/84	NEW EDITION	(DMAHTC; Indo CH 259) 21/84
	Delete	Buoy (Previously published 16/84)	3°14.3'N 117°30.3'E
	Change	Characteristic of buoy "6" to QR (Previously published 16/84)	3°25.0'N 117°52.8'E
	Add	Depths 3¾ fathoms	3°14.2'N 117°34.9'E
		4½ fathoms	3°13.8'N 117°35.0'E
		(Previously published 16/84)	
	Change	Period of buoy to 10s	3°24.6'N 117°56.6'E
	Add	Period 10s to buoy	3°14.7'N 117°53.3'E
		Buoy, red, Fl R 10s	3°15.0'N 117°55.4'E
72130	4Ed. 3/31/84 LAST	NM 21/84	(BA LL) 8/85
	Delete	Light	3°27.3'N 117°51.9'E
72130	4Ed. 3/31/84 LAST	NM 8/85	(Indo CH 259) 26/86
	Add	Depths 3¾ fathoms	3°15.6'N 117°52.3'E
		8½ fathoms	3°15.2'N 117°52.8'E
72130	4Ed. 3/31/84 LAST	NM 26/86	(15(1134)86 Taunton) 27/86
	Delete	Dangerous wrecks	3°17.3'N 117°34.4'E
		(PA)	3°17.5'N 117°32.2'E
72130	4Ed. 3/31/84 LAST	NM 27/86	(22(280)86 Jakarta) 36/86
	Add	Light L Fl 5s 154ft 18M	3°27.2'N 117°52.5'E
72130	4Ed. 3/31/84 LAST	NM 36/86	(23(288, 289)86 Jakarta) 37/86
	Change	Characteristic of buoy to Iso 2s	3°14.7'N 117°53.3'E
		Light to Fl 5s 62ft 6M	3°13.8'N 117°36.6'E
72130	4Ed. 3/31/84 LAST	NM 37/86	(35(2535)86 Taunton) 42/86
	Change	Visibility (range) of light to 4M	3°13.8'N 117°37.1'E
		Buoy to RW, pillar, ball topmark (See 37/86-72130)	3°14.7'N 117°53.3'E
72130	4Ed. 3/31/84 LAST	NM 42/86	(36(425)86 Jakarta) 47/86
	Add	Buoys, each red, can topmark, "8" Fl R 6s	3°26'01"N 117°51'22"E
		"10" Fl R 4s	3°26'44"N 117°50'13"E
		Buoys, each green, cone topmark, "7" Fl G 3s	3°26'30"N 117°51'14"E
		"9" Fl G 5s	3°26'58"N 117°50'08"E
		Buoy, yellow, "X" topmark, Fl Y 2s	3°27'29"N 117°49'28"E

72130	4Ed. 3/31/84 LAST NM 47/86		(1(4)88 Jakarta) 11/88
	Add	Buoy red and white bands, spar, can topmark, Fl 5s	3°16.6′N 117°35.5′E
72130	4Ed. 3/31/84 LAST NM 11/88		(5(34)88 Jakarta) 13/88
	Change	Characteristic of buoy to Fl G 10s	3°14′20″N 117°46′45″E
72130	4Ed. 3/31/84 LAST NM 13/88		(MCNM8118/88) 30/88
	Delete	Depth 9¾ fathoms	2°12.0′N 118°11.3′E
	Add	Depths ½ fathom 1½ fathoms	2°13′02″N 118°08′56″E 2°12′04″N 118°11′32″E
★72131	3Ed. 4/13/85	NEW EDITION	(DMAHTC) 25/85
72131	3Ed. 4/13/85 LAST NM 25/85		(22(239)85 Jakarta; BA LL) 44/85
	Add	(Plan F) Light Fl Y 3s 59ft 5M	4°51′18″S 122°44′08″E
72131	3Ed. 4/13/85 LAST NM 44/85		(15(1134)86 Taunton) 27/86
	Delete	(Plan A) Dangerous wrecks (PA)	3°17.4′N 117°34.5′E 3°17.5′N 117°32.2′E
72131	3Ed. 4/13/85 LAST NM 27/86		(23(289)86 Jakarta) 37/86
	Change	(Plan A) Light to Fl 5s 62ft 6M	3°13′53″N 117°36′36″E
72131	3Ed. 4/13/85 LAST NM 37/86		(35(2535)86 Taunton) 42/86
	Change	(Plan A) Visibility (range) of light to 4M	3°13′57″N 117°37′04″E
72131	3Ed. 4/13/85 LAST NM 42/86		(36(426)86 Jakarta) 47/86
	Delete	(Plan A) Buoy (Iso 2s)	3°17.3′N 117°35.1′E
	Add	Buoy, red, Fl R 5s	3°13′48″N 117°40′29″E
72131	3Ed. 4/13/85 LAST NM 47/86		(1(4)88 Jakarta) 11/88
	Add	Buoy red and white bands, spar, can topmark, Fl 5s	3°16.6′N 117°35.5′E
★72141	5Ed. 2/7/76	NEW EDITION	(DMAHC) 14/76
72141	5Ed. 2/7/76 LAST NM 14/76		(13(845)84 Taunton) 20/84
	Change	Lights to Fl R 3s 17ft 5M Fl G 5s 16ft 5M Fl R 10s 15ft 8M Fl R 5s 20ft 5M Fl R 7s 24ft 5M	4°17.4′N 118°42.9′E 4°18.2′N 118°33.1′E 4°15.9′N 118°25.1′E 4°13.7′N 118°13.9′E 4°08.4′N 118°10.5′E
	Add	Note "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region A. For further explanation, see annual NM 1(6) and Chart No. 1."	4°01.4′N 118°52.5′E
★72141	5Ed. 2/7/76 LAST NM 20/84		(DMAHTC) 32/84
	Change	DMA Stock No. to 72BCO72141 Note: Applicable to certain copies of this chart only	
★72142	6Ed. 3/30/85	NEW EDITION	(DMAHTC; 3(170)85 Taunton) 26/85
	Delete	(And Plan) Depth 2 fathoms	4°14′27″N 117°52′42″E
72142	6Ed. 3/30/85 LAST NM 26/85		(4(49)86 Jakarta) 17/86
	Add	Light Fl G 5s 59ft 4M	4°03′54″N 117°45′00″E
72142	6Ed. 3/30/85 LAST NM 17/86		(22(1591)86 Taunton) 29/86
	Add	Depth 5½ fathoms "Rep (1986)"	4°12′35″N 117°52′48″E
★72143	5Ed. 6/26/76	NEW EDITION	(DMAHC) 36/76

SUBREGION

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72143	5Ed. 6/26/76 LAST NM 36/76		(45(2438)80 Taunton) 1/81
	Delete	Buoy (mooring)	4°41′57″N 118°15′18″E
	Add	Legend "Rep destr (1980)" to beacon	4°45′12″N 118°19′54″E
72143	5Ed. 6/26/76 LAST NM 1/81		(13(841-844)84 Taunton) 20/84
	Change	Lights to Fl(2) G 15s 26ft 7M	4°56.1′N 118°25.8′E
		Fl G 3s 20ft 3M	4°59.9′N 118°24.7′E
		QG 20ft 3M	4°57.1′N 118°14.8′E
		Fl G 3s 22ft 5M	4°44.2′N 118°17.3′E
	Add	Note "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region A. For further explanation, see annual NM 1(6) and Chart No. 1."	4°34.6′N 118°12.7′E
72143	5Ed. 6/26/76 LAST NM 20/84		(BA LL) 23/84
	Change	Light to QG 17ft 3M	4°42.0′N 118°15.9′E
★72143	5Ed. 6/26/76 LAST NM 23/84		(DMAHTC) 32/84
	Change	DMA Stock No. to 72XCO72143 in lower right margin of chart Note: Applicable to certain copies of this chart only	
72143	5Ed. 6/26/76 LAST NM 32/84		(31(2264)86 Taunton) 37/86
	Add	Legend "Less water rep (1986)"	4°35.5′N 118°43.0′E
★72150	6Ed. 8/18/84	NEW EDITION	(DMAHTC) 41/84
	Change	Line 1 of buoyage note to "Certain buoys, lights and beacons within the Malaysian area of this"	5°15.2′N 119°00.0′E
72150	6Ed. 8/18/84 LAST NM 41/84		(HNNM7519/85) 32/85
	Add	Depth 122 fathoms "Rep (1984)"	5°47.25′N 119°51.50′E
★72161	9Ed. 5/17/86	NEW EDITION (Plan H)	(DMAHTC) 28/86
	Relocate	Buoy "No 4" (5°06′55″S 119°16′55″E) to (Previously published 22/86) (Plan H)	5°06′58″S 119°16′09″E
	Delete	Light (Previously published 27/86) (Plan H)	5°09.5′S 119°24.4′E
	Change	Lights to Fl(2) G 7s 56ft 9M	5°07′31″S 119°20′11″E
		Fl Y 3s 6M	5°07′39″S 119°24′17″E
		(Previously published 27/86)	
72161	9Ed. 5/17/86 LAST NM 28/86		(26(321)86 Jakarta) 37/86
	Change	Visibility (range) of light to 17M	5°09.1′S 119°15.5′E
72161	9Ed. 5/17/86 LAST NM 37/86		(48(552)86 Jakarta; Indo CH 139) 7/87
		(Plan H)	
	Delete	Purple dashed lines between	5°07′31″S 119°16′07″E
			5°08′37″S 119°14′57″E
		between	5°07′00″S 119°15′58″E
			5°07′54″S 119°14′57″E
		Buoy "No. 4" (See 28/86-72161)	5°06′58″S 119°16′09″E
	Relocate	Buoy "No. 5" (5°07′25″S 119°16′56″E) to	5°07′42″S 119°15′20″E
	Add	Buoys "No. 4", R, pillar, Fl R 4s (undesignated), YB, pillar, double cone topmark points downward, Fl 6s	5°07′04″S 119°16′59″E 5°10′30″S 119°15′20″E

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			7/87
72161	(Continued) Add	Purple dashed lines joining	5°07′00″S 119°15′58″E 5°07′00″S 119°15′24″E 5°07′24″S 119°14′57″E
		joining	5°07′31″S 119°16′07″E 5°07′31″S 119°15′27″E 5°08′00″S 119°14′57″E
72161	9Ed. 5/17/86 LAST NM 7/87 (Plan H) Change	Light to Fl 5s 56ft 12M	(BA LL) 17/87 5°09′10″S 119°23′46″E
72161	9Ed. 5/17/86 LAST NM 17/87 (Plan H) Add	Beacon BRB, double ball topmark (PA)	(39(2970)87 Taunton) 48/87 5°07′55″S 119°21′26″E
72161	9Ed. 5/17/86 LAST NM 48/87 (Plan H) Change	Light to Fl(2) 5s 49ft 9M	(51(417)87 Jakarta) 11/88 5°07.5′S 119°20.2′E
72171	2Ed. 9/25/82	NEW EDITION	(DMAHTC) 52/82
72171	2Ed. 9/25/82 LAST NM 52/82 (Plan A) Delete	Danger circle "Obstr"	(Indo CH 127) 26/83 1°05.1′S 119°07.2′E
72171	2Ed. 9/25/82 LAST NM 26/83 (Plan C) Add	Light Fl(4) 8s 33ft	(6(51)84 Jakarta) 15/84 0°48′19″S 119°48′35″E
72171	2Ed. 9/25/82 LAST NM 15/84 (Plan A) Add	Light Fl(3) 24s 184ft 20M	(49(439)84 Jakarta; 13(914)85 Taunton) 31/85 1°10.3′S 119°20.5′E
72171	2Ed. 9/25/82 LAST NM 31/85 (Plans A, B & C) Change	Light to Fl(4) 25s 269ft 23M	(3(21)88 Jakarta) 13/88 0°38′30″S 119°43′40″E
72173	1Ed. 8/4/84	NEW CHART	(DMAHTC) 43/84
72173	1Ed. 8/4/84 LAST NM 43/84 Add	Depth 75 meters "Rep (1984)" (PA)	(NVS7392/85) 8/85 0°06.5′N 117°42.5′E
72173	1Ed. 8/4/84 LAST NM 8/85 Change	Characteristic of light to Fl 5s	(22(1458)85 Taunton) 32/85 1°47.0′N 119°02.5′E
72173	1Ed. 8/4/84 LAST NM 32/85 Add	Depth 43 meters "Rep (1985)"	(MCNM7751/86) 19/86 0°04.1′N 117°43.5′E
72173	1Ed. 8/4/84 LAST NM 19/86 Substitute	Depth 3035 meters for 303 meters	(20(260)86 Jakarta) 31/86 2°00.5′N 118°58.3′E
72173	1Ed. 8/4/84 LAST NM 31/86 Add	Buoy, Y, pillar, "X" topmark, Fl(4) Y 7s	(48(551)86 Jakarta) 10/87 0°08.9′S 117°39.4′E
72173	1Ed. 8/4/84 LAST NM 10/87 Add	Light Fl 3s 15m 11M	(14(106)87 Jakarta) 27/87 2°05.2′N 118°24.2′E
72173	1Ed. 8/4/84 LAST NM 27/87 Add	Depths 155 meters 181 meters 174 meters	(50(411, 413)88 Jakarta) 14/89 0°30.0′N 118°09.5′E 0°26.5′N 118°26.3′E 0°50.2′N 119°5.52′E
72181	Ed. 12/43 LAST NM 1A/71 Change	Light to Fl 6sec 95m 12M Note: Two corrections. Chart overlaps.	(33(268)76 Jakarta) N44/76 2°37.8′S 118°48.8′E
72181	Ed. 12/43 LAST NM 44/76 (And Continuation) Change	Light to Fl 6sec 98m 23M	(1(10)79 Jakarta) N33/79 2°37′45″S 118°48′50″E
72181	Ed. 12/43 LAST NM 33/79 (Right Panel) Change	Light to Fl 5sec 105m 21M	(19(231)79 Jakarta) N4/80 3°33′45″S 118°55′45″E

72181	Ed. 12/43 LAST NM	4/80 (Previously Distribution Limited)		(DMAHTC) 46/81
72181	Ed. 12/43 LAST NM Add	46/81 Lights FR 11m 2M FR 7m 4M		(44(349)82 Jakarta: Indo CH 34) 1/83 2°40'30"S 118°53'00"E 3°33'10"S 118°57'52"E
72181	Ed. 12/43 LAST NM Change	1/83 Visibility (range) of light to 12M		(Indo LL) 37/83 2°37'49"S 118°48'51"E
★**72181**	Ed. 12/43 LAST NM Change	37/83 DMA Stock No. to 72ACO72181 in lower right margin of chart Note: Applicable to certain copies of this chart only		(DMAHTC) 33/84
72181	Ed. 12/43 LAST NM Add	33/84 R Bn at light		(19(1487)89 Taunton) 25/89 3°33.7'S 118°55.8'E

★**72186**	1Ed. 5/17/86 Delete	NEW CHART Purple outline of chart 72161 Plan A 72161 Plan G 72161 Plan E Note		(DMAHTC) 28/86 3°29.9'S 118°53.6'E 3°33.3'S 118°58.7'E 3°55.9'S 119°32.4'E 3°28.0'S 119°03.8'E
72186	1Ed. 5/17/86 LAST NM Change	28/86 Light to Fl 5s 15m 10M		(7(53)88 Jakarta) 17/88 4°02.7'S 119°35.5'E
72186	1Ed. 5/17/86 LAST NM Add	17/88 R Bn at light		(19(1487)89 Taunton) 25/89 3°33.7'S 118°55.8'E

★**72187**	1Ed. 5/17/86	NEW CHART		(DMAHTC) 29/86

★**72190**	1Ed. 5/17/86 Delete	NEW CHART Light Buoys "1" "7"		(DMAHTC: HNNM7662/86) 28/86 5°09.3'S 119°24.5'E 5°12.4'S 119°08.0'E 5°07.1'S 119°20.4'E
	Substitute	Light star symbols for light dots		5°06.7'S 119°23.7'E 5°07.1'S 119°24.5'E
	Change	Visibility (range) of light to 7M Lights to Fl Y 3s 6M Fl G 4M Fl(4) 27½s 41m 16M Buoys to "2", R, can, can topmark Fl R 4s "Outer", RW, pillar, ball topmark, Fl 9s "5", G, pillar, cone topmark Fl G 3s and all light flare symbol Beacon to black, double cone topmark points together		5°06.7'S 119°23.7'E 5°07.6'S 119°24.3'E 5°07.2'S 119°23.6'E 5°09.0'S 119°15.9'E 5°10.8'S 119°12.2'E 5°12.7'S 119°02.7'E 5°07.6'S 119°17.0'E 05°06.7'S 119°23.6'E
	Add	Light Fl(2) G 7s 17m 9M		5°07'26"S 119°20'29"E
72190	1Ed. 5/17/86 LAST NM Add	28/86 Stranded wreck (PA)		(22(1593)86 Taunton) 29/86 4°51'06"S 119°07'57"E
72190	1Ed. 5/17/86 LAST NM Change	29/86 Visibility (range) of light to 17M		(26(321)86 Jakarta) 37/86 5°09.0'S 119°15.9'E
★**72190**	1Ed. 5/17/86 LAST NM Substitute	37/86 Depth 254 meters for 25.4 meters		(MCNM7826/86) 43/86 5°39.8'S 119°20.2'E
72190	1Ed. 5/17/86 LAST NM Delete	43/86 Buoy		(48(552)86 Jakarta) 8/87 5°07.0'S 119°16.1'E
	Relocate	Buoys "5" (5°07.6'S 119°17.0'E) close W to "Outer" close SSE (See 28/86-72190)		5°07'38"S 119°15'48"E 05°13'04"S 119°02'53"E
	Add	Buoys (undesignated), BRB, pillar, double ball topmark, Fl 5s		5°11'42"S 119°12'43"E

(continued on next page)

			8/87
2190	(Continued) Add	(undesignated). YB. pillar. double cone topmark points downward. Fl 6s	5°10'20"S 119°15'46"E
		"4". R. pillar. Fl R 4s	5°06'56"S 119°17'24"E
2190	1Ed. 5/17/86 LAST NM 8/87 Change	Light to Fl 5s 17m 12M	(BA LL) 17/87 5°09.1'S 119°23.8'E
2190	1Ed. 5/17/86 LAST NM 17/87 Add	Beacon BRB. double ball topmark (PA)	(39(297)87 Taunton) 48/87 5°07'50"S 119°21'42"E
2190	1Ed. 5/17/86 LAST NM 48/87 Change	Light to Fl(2) 5s 15m 9M	(51(417)87 Jakarta) 11/88 5°07.4'S 119°20.5'E
2190	1Ed. 5/17/86 LAST NM 11/88 Add	Dangerous wreck	(11(86)88 Jakarta) 21/88 5°06'08"S 119°25'06"E
2190	1Ed. 5/17/86 LAST NM 21/88 Delete	Buoy "3"	(31(267)88 Jakarta) 39/88 5°08.1'S 119°15.3'E
2201	Ed. 1/67 LAST NM 47/73 Change	Light to Fl 5sec 48m 8M	(40(414)77 Jakarta) N52/77 8°08.2'S 117°23.5'E
2201	Ed. 1/67 LAST NM 52/77 Change	Light to FG 5m 2M	(23(280)79 Jakarta) N24/80 8°27.0'S 118°42.8'E
2201	Ed. 1/67 LAST NM 24/80 Add	Stranded wreck	(35(378)80 Jakarta) N48/80 8°44.0'S 118°44.3'E
2201	Ed. 1/67 LAST NM 48/80 Add	Stranded wreck	(21(218)81 Jakarta) N28/81 8°51'10"S 118°13'10"E
2201	Ed. 1/67 LAST NM 28/81 Add	Light Fl 6sec 26ft 6M	(34(1988)81 Taunton) N42/81 8°27'45"S 117°22'30"E
2201	Ed. 1/67 LAST NM 42/81 Add	Light Fl R 6sec 4M	(40(2356)81 Taunton) N52/81 8°23'27"S 118°42'12"E
2201	Ed. 1/67 LAST NM 52/81 Change	Light to Fl 1½sec 14m 6M	(9(545)82 Taunton) N16/82 8°27.0'S 118°42.8'E
2201	Ed. 1/67 LAST NM 16/82 (Previously Distribution Limited)		(DMAHTC) 5/84
	Delete	Note "DISTRIBUTION...NEEDED" in lower right margin of chart	
2201	Ed. 1/67 LAST NM 5/84 Add	Light Fl 5sec	(6(49)84 Jakarta) 15/84 8°23'58"S 118°41'50"E
2201	Ed. 1/67 LAST NM 15/84 Delete	Stranded wreck	(35(294)84 Jakarta) 5/85 8°44.0'S 118°44.3'E
2201	Ed. 1/67 LAST NM 5/85 Change	Visibility (range) of light to 17M	(7(91)86 Jakarta) 18/86 8°08.2'S 117°23.5'E
2201	Ed. 1/67 LAST NM 18/86 Add	Light Fl 15s 44m 18M	(14(1117)89 Taunton) 25/89 8°18.8'S 119°00.5'E
2211	5Ed. 4/6/85	NEW EDITION	(DMAHTC) 23/85
2211	5Ed. 4/6/85 LAST NM 23/85 (And Plan C) Add	Light Fl(2) 10s 361ft 27M	(22(1594)86 Taunton) 29/86 8°52'15"S 116°35'04"E
2221	6Ed. 5/15/76	NEW EDITION	(DMAHC) 26/76
2221	6Ed. 5/15/76 LAST NM 26/76 (Plan C) Delete	Danger circle "Foul (PA-rep 1950)" Position dot "FS"	(15(178, 179)79 Jakarta) 47/79 7°40'36"S 113°55'18"E 7°41'40"S 113°56'12"E

★72221	6Ed. 5/15/76 LAST NM 47/79		
	Delete	Plans A (Pasuruan Roadstead)	(NVS6760/82) 41/82
		B (Probolinggo Roadstead)	7°37'S 113°56'E
		D (Teluk Ketapang and Teluk Hekla)	7°44'S 113°13'E
		E (Approaches to Pulau Sapeken)	6°55'S 115°13'E
			7°05'S 115°50'E
72221	6Ed. 5/15/76 LAST NM 41/82		
		(Plan C)	(19(170)84 Jakarta; BA LL) 35/84
	Change	Light to Fl 5s 33ft 7M	
		Visibility (range) of light to 6M	7°42.0'S 113°55.2'E
			7°41.6'S 113°56.1'E
72221	6Ed. 5/15/76 LAST NM 35/84		
		(Plan C)	(1(98)89 Taunton) 11/89
	Add	Light Fl 5s 141ft 17M	
			7°36'26"S 114°02'18"E
★72222	3Ed. 7/14/84	NEW EDITION	
	Change	Visibility (range) of light to 15M	(DMAHTC; Indo LL) 41/84
			8°34.2'S 116°0.1'E
72222	3Ed. 7/14/84 LAST NM 41/84		
	Change	Visibility (range) of light to 15M	(Indo LL) 48/84
		(See 41/84-72222)	8°34.3'S 116°04.1'E
72222	3Ed. 7/14/84 LAST NM 48/84		
	Add	Light Fl(3) 20s 722ft 25M	(23(1537)85 Taunton) 32/85
			8°49.25'S 115°08.60'E
★72222	3Ed. 7/14/84 LAST NM 32/85		
	Add	Depths 581 meters "Rep (1984)" (PA)	(HNNM7559/85) 38/85
		223 meters "Rep (1984)" (PA)	9°02'S 115°52'E
			8°55'S 115°40'E
72222	3Ed. 7/14/84 LAST NM 38/85		
	Change	Light to Fl G 3s 52m 10M	(3(32)86 Jakarta) 17/86
			8°43.6'S 116°02.5'E
72222	3Ed. 7/14/84 LAST NM 17/86		
	Change	Light to Fl 5s 38m 15M	(BA LL) 47/86
			8°31.8'S 115°30.8'E
72222	3Ed. 7/14/84 LAST NM 47/86		
	Add	Depths 92 meters	(44(510)86 Jakarta) 10/87
		13.6 meters	8°43.1'S 115°20.1'E
		19.3 meters	8°45.0'S 115°15.7'E
		85 meters	8°40.5'S 115°25.5'E
		173 meters	8°44.9'S 115°25.2'E
		173 meters	8°37.8'S 115°26.2'E
		196 meters	8°40.0'S 115°23.0'E
			8°37.5'S 115°25.0'E
72222	3Ed. 7/14/84 LAST NM 10/87		
	Add	R Bn	(47(380)88 Jakarta) 10/89
			8°50'38"S 115°11'18"E
★72223	7Ed. 12/21/85	NEW EDITION	
	Delete	Purple outline of chart 72221	(DMAHTC) 13/86
		(Previously published 10/86)	6°55.0'S 115°12.8'E
	Add	Light Fl 52ft 12M	
		(Previously published 10/86)	6°51.3'S 115°13.6'E
		(And Plan)	
	Add	Light Fl	
		(Previously published 10/86)	8°09'45"S 114°26'04"E
		(Plan)	
	Add	Depths 18 fathoms	
		1 fathom 4 feet	8°06'39"S 114°25'18"E
		(Previously published 10/86)	8°12'29"S 114°23'40"E
72223	7Ed. 12/21/85 LAST NM 13/86		
	Delete	Light (Fl 5s 43ft 8M (PA))	(18(1342)86 Taunton) 28/86
			8°11.6'S 114°50.3'E
72223	7Ed. 12/21/85 LAST NM 28/86		
	Substitute	Depth 5 fathoms for 6 fathoms	(15(195)86 Jakarta) 30/86
			8°34.5'S 114°38.7'E
72223	7Ed. 12/21/85 LAST NM 30/86		
	Substitute	Wreck marked by buoy for	(50(447)84 Jakarta) 34/86
		danger circle Wk and buoy	6°43.8'S 114°17.1'E
★72223	7Ed. 12/21/85 LAST NM 34/86		
	Add	Depth 5 fathoms 1 foot	(MCNM7812/86) 40/86
			8°17'54"S 114°24'18"E

72223	7Ed. 12/21/85 LAST NM 40/86		(44(510)86 Jakarta) 10/87
	Add	Depths 50 fathoms	8°42.9'S 115°20.2'E
		7 fathoms 2 feet	8°45.0'S 115°15.6'E
		10 fathoms 3 feet	8°40.3'S 115°25.2'E
		46 fathoms	8°44.6'S 115°24.8'E
		94 fathoms	8°38.0'S 115°26.0'E
		94 fathoms	8°39.8'S 115°22.8'E
		107 fathoms	8°37.3'S 115°24.7'E
72223	7Ed. 12/21/85 LAST NM 10/87		(17(132)87 Jakarta) 33/87
		(Plan)	
	Add	Submarine cables joining	8°09'13"S 114°23'53"E
			8°09'20"S 114°24'07"E
			8°09'21"S 114°25'00"E
			8°09'54"S 114°25'57"E
		joining	8°09'13"S 114°23'53"E
			8°09'28"S 114°24'11"E
			8°09'37"S 114°25'05"E
			8°09'54"S 114°25'57"E
72223	7Ed. 12/21/85 LAST NM 33/87		(39(2971)87 Taunton) 48/87
		(Plan)	
	Add	Depth 6 fathoms 1 foot	8°07'55"S 114°24'12"E
72223	7Ed. 12/21/85 LAST NM 48/87		(47(380, 381)88 Jakarta) 10/89
	Add	R Bn	8°50'15"S 115°11'36"E
		Wreck "Rep (1988)"	7°20'20"S 114°46'50"E
72223	7Ed. 12/21/85 LAST NM 10/89		(1(98)89 Taunton) 11/89
	Add	Light Fl 5s 141ft 17M	7°36.5'S 114°02.3'E
*72231	6Ed. 7/6/85	NEW EDITION	(DMAHTC; BA RA; 10(703)85 Taunton; BA CH 921) 37/85
	Add	Dangerous wreck, (Previously published 36/85)	7°07'05"S 112°39'05"E
	Delete	R Bn (AERO)	7°13'11"S 112°42'50"E
	Add	Buoys,	
		"No 3", G, pillar, cone topmark	7°19'06"S 112°53'21"E
		(undesignated), G, can, Fl G 3s	7°10'26"S 112°40'47"E
		Light FG 13m 7M	7°11'58"S 112°43'11"E
		Pilot station symbol	7°24'20"S 112°56'53"E
72231	6Ed. 7/6/85 LAST NM 37/85		(15(147)85 Jakarta) 44/85
	Change	Light to "Mapia" Fl R 3s 14m 8M	6°59'21"S 112°41'57"E
72231	6Ed. 7/6/85 LAST NM 44/85		(38(397), 40(420)85 Jakarta) 6/86
	Delete	Light	7°09.4'N 112°39.5'E
	Add	Dangerous wreck	6°58'15"S 112°42'07"E
72231	6Ed. 7/6/85 LAST NM 6/86		(44(463)85 Jakarta) 7/86
	Add	"RESTRICTED AREA" bound by	
		purple composite line joining	6°49'00"S 112°54'10"E
			6°49'00"S 112°59'00"E
			6°53'00"S 112°59'00"E
			6°53'00"S 112°54'10"E
		Platforms	6°51'09"S 112°57'25"E
			6°51'24"S 112°57'32"E
			6°51'30"S 112°57'50"E
			6°51'43"S 112°57'55"E
			6°51'36"S 112°56'49"E
		Position circle with legend "Pipes"	6°50'39"S 112°56'49"E
72231	6Ed. 7/6/85 LAST NM 7/86		(7(529)86 Taunton) 16/86
	Delete	Dangerous wreck (Masts)	7°4'50"S 112°39'48"E
72231	6Ed. 7/6/85 LAST NM 16/86		(8(104)86 Jakarta) 18/86
	Delete	Dangerous wreck	7°04'38"S 112°39'31"E
		Buoy	7°04'34"S 112°39'35"E
	Add	Dangerous wreck (Masts)	7°04'48"S 112°39'49"E
		(Cancels 16/86-72231)	

72231	6Ed. 7/6/85 LAST NM 18/86		
	Change	Light to "Mapia" Fl 3s 11m 11M (Supersedes 44/86-72231)	(BA LL) 26/86 6°59'21"S 112°41'57"E
72231	6Ed. 7/6/85 LAST NM 26/86		
	Relocate	Pilot station symbol (6°50'28"S 112°44'52"E) to	(8(63)87 Jakarta; 8(635)87 Taunton) 18/87 6°52'13"S 112°44'51"E
	Add	Stranded wreck	7°12'30"S 112°48'30"E
72231	6Ed. 7/6/85 LAST NM 18/87		
	Add	Position circle "Subm pile"	(7(54)87 Jakarta) 20/87 7°10'23"S 112°45'10"E
72231	6Ed. 7/6/85 LAST NM 20/87		
	Relocate	Buoy "10" close NE to	(10(79)87 Jakarta) 23/87 7°10'52"S 112°41'26"E
72231	6Ed. 7/6/85 LAST NM 23/87		
	Add	Dangerous wreck	(9(72)87 Jakarta) 24/87 7°15'39"S 112°51'15"E
72231	6Ed. 7/6/85 LAST NM 24/87		
	Delete	Dangerous wreck (Supersedes 24/87-72231)	(21(167, 168)87 Jakarta) 33/87 7°15.6'S 112°51.2'E
	Relocate	Buoy "10" (7°10'52"S 112°41'26"E) to (Supersedes 23/87-72231)	7°10'52"S 112°41'19"E
72231	6Ed. 7/6/85 LAST NM 33/87		
	Delete	Pilot station symbol (See 18/87-72231) Anchorage area centered	(26(208)87 Jakarta) 45/87 6°52'13"S 112°44'51"E 6°50'30"S 112°45'00"E
	Add	"Pilot Boarding Area" bound by purple dashed line joining	6°51'00"S 112°45'00"E 6°52'30"S 112°45'00"E 6°52'30"S 112°37'00"E 6°51'00"S 112°47'00"E
72231	6Ed. 7/6/85 LAST NM 45/87		
	Add	Dangerous wreck Legend "(marked by 2 beacons)"	(39(311)87 Jakarta) 50/87 7°12'11"S 112°49'30"E 7°12'21"S 112°49'50"E
72231	6Ed. 7/6/85 LAST NM 50/87		
	Add	Stranded wreck	(24(1839)88 Taunton) 34/88 6°56'03"S 112°43'02"E
72231	6Ed. 7/6/85 LAST NM 34/88		
	Delete	Buoy "No 2"	(34(286)88 Jakarta) 42/88 7°21.8'S 112°55.7'E
	Add	Buoy "No 2" R, can, can topmark	7°20'20"S 112°54'00"E
72231	6Ed. 7/6/85 LAST NM 42/88		
	Add	R Bn at light	(47(379)88 Jakarta) 10/89 6°55'35"S 112°43'42"E
★72233	2Ed. 11/5/83	NEW EDITION	(DMAHTC) 12/84
		(And Plan C)	
	Delete	Legends from lights "Destr (1982)" "Rep missing (1983)"	6°57'04"S 110°25'05"E 6°57'00"S 110°25'00"E
72233	2Ed. 11/5/83 LAST NM 12/84		
	Change	Buoy to safe water buoy: RW, pillar, ball topmark, L Fl 10s	(4(263)85 Taunton) 11/85 6°54'38"S 110°24'14"E
72233	2Ed. 11/5/83 LAST NM 11/85		
	Change	Lights to Fl G 10s 8m 6M Fl G 5s 4m 4M Fl 3s 4m 4M	(BA LL) 11/86 6°56'08"S 110°25'03"E 6°56'27"S 110°25'03"E 6°56'12"S 110°25'09"E
		(And Plan C)	
	Change	Lights to Fl 2s 16m 11M Fl 2s 23m 11M	6°57'04"S 110°25'05"E 6°57'10"S 110°25'05"E
72233	2Ed. 11/5/83 LAST NM 11/86		
	Delete	Buoys	(50(3355)85 Taunton) 14/86 6°54'S 110°24.2'E 6°55'S 110°24.6'E

(continued on next page)

72233	(Continued)		14/86
	Change	Note to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	6°58'10"S 110°20'00"E
	Add	Buoy, RW, pillar, ball topmark, L Fl 10s	6°51'58"S 110°24'52"E
72233	2Ed. 11/5/83 LAST NM 14/86		(3(258)86 Taunton; BA CH 918) 16/86
	Delete	Legend "PA" at light	6°57'00"S 110°25'00"E
		Light	6°56'12"S 110°25'09"E
		Range lights, range line and legend "Lights in line 181°00'" between	6°57'10"S 110°25'04"E 6°54'41"S 110°25'07"E
	Add	Lights Fl G 10s 8m 6M	6°55'03"S 110°24'59"E
		Fl R 10s 8m 6M	6°55'19"S 110°25'20"E
		Buoys, each G, pillar, Fl G 4s	
		"No 1"	6°54'58"S 110°25'00"E
		"No 3"	6°55'36"S 110°25'03"E
		"No 5"	6°55'54"S 110°25'02"E
		Buoys, each R, pillar, Fl R 4s	
		"No 2"	6°54'58"S 110°25'05"E
		"No 4"	6°55'36"S 110°25'07"E
		"No 6"	6°55'54"S 110°25'08"E
		Range lights, front Fl 2s 16m 11M rear Fl 2s 23m 11M, 600 meters 176° from front	6°57'01"S 110°25'12"E
		Range line extending in 356° direction from above rear light dashed for 2300 meters, thence solid for 2600 meters	
		Legend "Lts in line 176° along above range line	
		(Plan C) Distance and bearing from light (Fl(4)) at left center of plan	
	Delete	Lights, 130 meters 149° 80 meters 051° 170 meters 304°	
		Range line and legend "Lights in line 181°00" between positions 130 meters 149° and 725 meters 006°	
	Add	Range lights front Fl 2s 16m 11M (PA), 295 meters 062° rear Fl 2s 23m 11M (PA), 550 meters 147°	
		Range line extending in 356° direction from rear light dashed to plan border Legend "Lts in line 176°" along above range line Light FR 7m 5M, 255 meters 342°	
72233	2Ed. 11/5/83 LAST NM 16/86		(5(58)86 Jakarta) 17/86
	Add	Buoy, Y, pillar, Fl Y 5s	6°56'46"S 110°25'11"E
		(Plan C) Distance and bearing from light (Fl(4) 20s) in left center of plan	
	Add	Buoy, Y, pillar, Fl Y 5s, 690 meters 021°	

72233 2Ed. 11/5/83 LAST NM 17/86 (21(273, 274)86 Jakarta) 36/86
(Plan A)
Change — Lights to FG 10m 4M — 7°03'14"S 113°56'08"E
FR 18m 4M — 7°03'10"S 113°56'12"E
Fl 3s 12m 7M — 7°03'25"S 113°56'39"E
Fl 6s 10m 7M — 7°03'24"S 113°56'37"E

★72233 2Ed. 11/5/83 LAST NM 36/86 (MCNM7825/86) 43/86
Add — Double solid lines with land tint (breakwater) between — 6°56'06"S 110°25'03"E
6°55'03"S 110°24'59"E
between — 6°56'21"S 110°26'30"E
6°55'38"S 110°26'15"E
between — 6°55'34"S 110°26'14"E
6°55'19"S 110°25'20"E

72233 2Ed. 11/5/83 LAST NM 43/86 (38(2927)87 Taunton) 47/87
Add — Depths 11.8 meters — 6°51'48"S 110°25'02"E
7.3 meters — 6°53'35"S 110°22'00"E

72233 2Ed. 11/5/83 LAST NM 47/87 (BA LL) 52/87
Change — Period of lights to 3s — 6°57.0'S 110°25.2'E
6s — 6°57.3'S 110°25.2'E
(Plan C)
Distances and bearings from light (Fl(4) 20s) in left center of plan
Change — Period of lights to 3s, 295 meters 062°
6s, 550 meters 147°

★72234 1Ed. 5/11/85 NEW CHART (DMAHTC; BA RA) 36/85
Delete — R Bn (AERO) — 7°13'09"S 112°42'49"E

72234 1Ed. 5/11/85 LAST NM 36/85 (10(703)85 Taunton) 37/85
Add — Buoy, G, can, Fl G 3s — 7°10'29.8"S 112°40'49.6"E

72234 1Ed. 5/11/85 LAST NM 37/85 (38(397)85 Jakarta) 6/86
Delete — Light — 7°09'22"S 112°39'28"E
Position circle "TOWER" — 7°09'30"S 112°39'30"E

72234 1Ed. 5/11/85 LAST NM 6/86 (7(54)87 Jakarta) 20/87
Add — Position circle "Subm pile" — 7°10'20"S 112°45'10"E

72234 1Ed. 5/11/85 LAST NM 20/87 (10(79)87 Jakarta) 23/87
Relocate — Buoy "10" close NE to — 7°10'50"S 112°41'26"E

72234 1Ed. 5/11/85 LAST NM 23/87 (21(168)87 Jakarta) 33/87
Relocate — Buoy "10" (7°10'50"S 112°41'26"E) to — 7°10'52"S 112°41'26"E
(Supersedes 23/87-72234)

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*73000	7Ed. 3/23/85	NEW EDITION	(DMAHTC) 23/85
	Add	Lights Fl(2) 6s 15M Fl R 5s 8M (Previously published 21/85)	1°31.4'S 128°44.9'E 2°03.5'S 125°59.3'E
73000	7Ed. 3/23/85 LAST NM 23/85		(30(449)85 Sydney) 39/85
	Add	Depth 12 fathoms "Rep (1985)"	11°44.6'S 124°58.2'E
73000	7Ed. 3/23/85 LAST NM 39/85		(43(640)85 Sydney) 52/85
	Substitute	Depth 5¼ fathoms for 53 fathoms	9°58.8'S 129°13.7'E
73000	7Ed. 3/23/85 LAST NM 52/85		(45(3011)85 Taunton) 6/86
	Add	Light Fl(3) 12M	8°51.0'S 121°39.5'E
73000	7Ed. 3/23/85 LAST NM 6/86		(45(478)85 Jakarta) 7/86
	Add	Light Fl(4) 20s 25M	3°59.0'S 123°01.5'E
73000	7Ed. 3/23/85 LAST NM 7/86		(47(3143)85 Taunton) 8/86
	Add	Light Q(4) 8s 12M	5°28.9'S 122°35.1'E
73000	7Ed. 3/23/85 LAST NM 8/86		(49(718)85 Sydney) 11/86
	Delete	Depth 59 fathoms	9°50.0'S 129°05.5'E
	Add	Depth 10 fathoms "Rep (1985)"	9°52.0'S 129°06.5'E
73000	7Ed. 3/23/85 LAST NM 11/86		(2(165)86 Taunton) 13/86
	Add	Light Fl(3) 10s 12M	5°30.0'S 122°31.1'E
73000	7Ed. 3/23/85 LAST NM 13/86		(3(33)86 Jakarta) 17/86
	Add	Light FR 13M	9°37.9'S 120°15.6'E
73000	7Ed. 3/23/85 LAST NM 17/86		(8(107, 108)86 Jakarta; 11(206)86 Sydney) 18/86
	Substitute	Depth 10¼ fathoms "Rep (1986)" for 13 fathoms "Rep (1973)"	11°41.6'S 124°33.1'E
	Add	Lights Fl 3s 8M Fl 5s 12M	8°59.6'S 124°52.1'E 5°40.9'S 122°28.2'E
73000	7Ed. 3/23/85 LAST NM 18/86		(27(442)86 Sydney) 35/86
	Delete	Depth 65 fathoms	11°55'S 125°00'E
	Add	Superbuoy TANKER Racon (occas)	11°55.5'S 125°00.4'E
73000	7Ed. 3/23/85 LAST NM 35/86		(23(290), 25(308-310, 312, 313)86 Jakarta) 37/86
	Change	Lights to Fl 4s 10M Fl 5s 25M Fl(3) 10s 20M Fl(3) 29s 27M	3°58.5'S 122°46.0'E 10°30.0'S 121°50.0'E 10°25.8'S 121°52.3'E 8°19.8'S 128°29.6'E
		Visibility (range) of lights to 21M 25M	10°43.8'S 123°02.5'E 10°10.0'S 123°34.8'E
73000	7Ed. 3/23/85 LAST NM 37/86		(38(560)86 Sydney) 47/86
	Add	Light Mo(U) Y 25s 10M (occas) to superbuoy TANKER (See 35/86-73000)	11°55.5'S 125°00.4'E
73000	7Ed. 3/23/85 LAST NM 47/86		(Indo CH 151) 52/86
	Add	Rock with danger circle "Rep (1962)" Danger circle "Obstr rep (1958)" Dashed line circle with blue tint "Discol water rep (1958)"	1°09'S 129°05'E 10°26'S 129°00'E 10°54'S 127°26'E
73000	7Ed. 3/23/85 LAST NM 52/86		(45(635)86 Sydney) 1/87
	Add	Depth 13 fathoms "Rep (1986)"	10°28.0'S 128°42.2'E
73000	7Ed. 3/23/85 LAST NM 1/87		(48(553), 49(569)86 Jakarta) 10/87
	Add	Lights Fl R 4s 8M Fl 3s 12m 10M	4°32.0'S 120°28.1'E 8°26.1'S 120°27.0'E
73000	7Ed. 3/23/85 LAST NM 10/87		(Indo CH 142) 19/87
	Add	Legend "EXPLOSIVES DUMPING AREA"	5°55.0'S 121°10.0'E
73000	7Ed. 3/23/85 LAST NM 19/87		(24(196)87 Jakarta) 45/87
	Add	Light Fl(3) 10s 18M	8°13.1'S 127°36.9'E
73000	7Ed. 3/23/85 LAST NM 45/87		(5(426)88 Taunton) 14/88
	Add	Light Fl(3) 10s 20M	7°23.1'S 121°05.1'E

SUBRTG(S)

73

73000	7Ed. 3/23/85 LAST NM 14/88		
	Add	Light Fl(3) 20M	(10(77)88 Jakarta) 21/88 1°49.2'S 126°29.0'E
73000	7Ed. 3/23/85 LAST NM 21/88		
	Delete	Depth 17 fathoms	(31(462)88 Sydney) 48/88 10°29'S 126°35'E
	Add	Depth 11 fathoms "Rep (1988)"	10°29.5'S 126°37.0'E
73000	7Ed. 3/23/85 LAST NM 48/88		
	Substitute	Depth 2 fathoms for 9 fathoms	(MCNM1003/89; 43(597)88 Sydney) 7/89 6°59.0'S 120°28.5'E
	Add	Depth 220 fathoms R Bn to superbuoy TANKER	6°15.2'S 121°05.6'E 11°55.5'S 125°00.4'E
73000	7Ed. 3/23/85 LAST NM 7/89		
	Add	R Bn at light	(47(384)88 Jakarta) 10/89 3°47.5'S 128°05.0'E
73000	7Ed. 3/23/85 LAST NM 10/89		
	Add	Depth 16 fathoms "Rep (1988)"	(1(41)89 Sydney) 12/89 10°40.0'S 126°24.6'E
73000	7Ed. 3/23/85 LAST NM 12/89		
	Substitute	Depth 64 fathoms for 63 fathoms "Rep (1976)"	(5(46)89 Jakarta) 14/89 7°59.0'S 123°47.0'E
★73002	3Ed. 3/31/84	NEW EDITION	(DMAHTC) 24/84
73002	3Ed. 3/31/84 LAST NM 24/84		
	Add	Light Fl(3) 8s 12M	(45(3011)85 Taunton) 6/86 8°51.0'S 121°39.5'E
73002	3Ed. 3/31/84 LAST NM 6/86		
	Add	Light FR 13M	(3(33)86 Jakarta) 17/86 9°38.1'S 120°15.4'E
73002	3Ed. 3/31/84 LAST NM 17/86		
	Change	Visibility (range) of light to 25M	(25(308, 309)86 Jakarta) 36/86 10°29.3'S 121°50.2'E
		Light to Fl(3) 10s 108ft 20M Note: Obscured sector unchanged	10°25.8'S 121°52.0'E
73002	3Ed. 3/31/84 LAST NM 36/86		
	Add	Wreck	(27(331)86 Jakarta) 37/86 6°42.5'S 119°14.3'E
73002	3Ed. 3/31/84 LAST NM 37/86		
	Add	Light 2 Fl 3s 11/10M	(37(2700)86 Taunton) 44/86 8°17.0'S 120°27.0'E
73002	3Ed. 3/31/84 LAST NM 44/86		
	Delete	Stranded wreck	(Indo CH 142) 19/87 5°22.3'S 121°43.7'E
	Add	Legend "EXPLOSIVES DUMPING AREA"	5°55.0'S 121°10.0'E
73002	3Ed. 3/31/84 LAST NM 19/87		
	Add	Light Fl(3) 10s 210ft 20M	(5(426)88 Taunton) 14/88 7°23.2'S 121°05.1'E
73002	3Ed. 3/31/84 LAST NM 14/88		
	Add	Depths 220 fathoms	(MCNM1003/89) 7/89
		51 fathoms	6°15'12"S 121°05'36"E
		37 fathoms	6°52'24"S 120°43'24"E
		31 fathoms	6°52'24"S 120°44'12"E
		2 fathoms	6°59'42"S 120°41'51"E
		10¼ fathoms	6°58'54"S 120°28'42"E
		19 fathoms	7°05'24"S 120°28'00"E
		9 fathoms	7°11'00"S 120°35'18"E
		10 fathoms	7°10'30"S 120°36'00"E 7°12'24"S 120°34'12"E
73002	3Ed. 3/31/84 LAST NM 7/89		
	Add	Light Fl 15s 144ft 18M	(14(1117)89 Taunton) 25/89 8°18.8'S 119°00.5'E
★73004	2Ed. 12/22/79	NEW EDITION	(DMAHTC) 9/80
73004	2Ed. 12/22/79 LAST NM 9/80		
	Change	Line 4 of note to "NM 1(15)79."	(DMAHTC) 30/80 10°51'S 124°27'E
73004	2Ed. 12/22/79 LAST NM 30/80		
	Add	Dangerous wreck "Rep (1980) (PA)"	(18(198)80 Jakarta) 45/80 9°10'30"S 125°43'10"E

73004	2Ed. 12/22/79 LAST NM 45/80		(40(432)80 Jakarta) 52/80
	Add	"Explosives Dumping Area" bound by purple dashed line joining	9°50′S 123°15′E 9°50′S 123°20′E 9°53′S 123°20′E 9°53′S 123°15′E
73004	2Ed. 12/22/79 LAST NM 52/80		(45(491)80 Jakarta) 12/81
	Delete	Light	10°11.7′S 123°31.5′E
73004	2Ed. 12/22/79 LAST NM 12/81		(48(2859)81 Taunton) 10/82
	Change	Light to Gp Occ(2) 30sec 417ft 27M Note: Visible sector unchanged	10°07.6′S 123°27.2′E
73004	2Ed. 12/22/79 LAST NM 10/82		(11(195)83 Sydney) 27/83
	Add	Depth 7 fathoms "Rep (1983)"	10°41.0′S 126°19.5′E
73004	2Ed. 12/22/79 LAST NM 27/83		(41(2647)83 Taunton) 50/83
	Add	Depth 82 fathoms	8°23.2′S 123°45.9′E
73004	2Ed. 12/22/79 LAST NM 50/83		(DMAHTC) 44/84
	Change	Line 4 of note to "See annual NM 1(15)."	10°51′S 124°27′E
73004	2Ed. 12/22/79 LAST NM 44/84		(23(246)85 Jakarta) 44/85
	Add	Light Fl 7M	8°20.5′S 122°59.5′E
73004	2Ed. 12/22/79 LAST NM 44/85		(46(3077)85 Taunton) 8/86
	Delete	Depth 27 fathoms	8°32′S 125°35′E
	Add	Depth 6¼ fathoms	8°32.1′S 125°34.9′E
73004	2Ed. 12/22/79 LAST NM 8/86		(8(107)86 Jakarta) 18/86
	Add	Light Fl 3s 8M	8°59.6′S 124°51.3′E
73004	2Ed. 12/22/79 LAST NM 18/86		(16(1202)86 Taunton) 24/86
	Add	Light Fl 12M	8°19.2′S 123°00.9′E
73004	2Ed. 12/22/79 LAST NM 24/86		(25(308-312)86 Jakarta) 36/86
	Change	Visibility (range) of lights to 25M 21M	10°29.3′S 121°50.2′E 10°43.7′S 123°02.8′E
		Lights to Fl(3) 10s 108ft 20M Fl 5s 95ft 29M	10°25.8′S 121°52.0′E 10°10.0′S 123°34.4′E
	Add	Light Fl 4s 8M	10°11.8′S 123°31.4′E
73004	2Ed. 12/22/79 LAST NM 36/86		(7(581)88 Taunton) 14/88
	Add	Depth 23 fathoms "Rep (1987)"	8°21.4′S 123°47.9′E
73004	2Ed. 12/22/79 LAST NM 14/88		(23(1765)88 Taunton) 33/88
	Add	Light Fl Y 3s 5M	8°04.2′S 127°08.5′E
73004	2Ed. 12/22/79 LAST NM 33/88		(31(462)88 Sydney; 5(46)89 Jakarta) 14/89
	Delete	Depth 63 fathoms "Rep (1976)"	7°58.3′S 123°47.3′E
	Add	Depths 11 fathoms "Rep (1988)" 64 fathoms	10°29.5′S 126°37.0′E 7°58.4′S 123°47.1′E
73006	1Ed. 8/44 LAST NM 38/74		(3(22)76 Jakarta) 17/76
	Add	Light Gp Fl	5°18.9′S 132°00.4′E
73006	1Ed. 8/44 LAST NM 17/76		(22(1299)77 Taunton) 30/77
	Add	Depth 47 fathoms "Rep (1977)"	8°17.2′S 127°32.8′E
73006	1Ed. 8/44 LAST NM 30/77		(28(355)78 Jakarta) 39/78
	Add	Legend "See Note" in	7°45′S 127°10′E 8°25′S 127°35′E
		Note from back of Section I	5°55′S 128°45′E
73006	1Ed. 8/44 LAST NM 39/78		(32(402)78 Jakarta) 17/79
	Change	Period of light to 15sec	8°20′S 128°30′E
73006	1Ed. 8/44 LAST NM 17/79		(22(272)79 Jakarta) 48/79
	Delete	Legend "See Note"	7°45′S 127°10′E
	Substitute	Note from back of Section I for note	5°55′S 128°45′E

73006	1Ed. 8/44 LAST NM 48/79 Add	Wreck	(17(165)81 Jakarta) 24/81 8°26.0'S 126°35.8'E
73006	1Ed. 8/44 LAST NM 24/81 Change	Period of light to 34sec	(3(49)84 Brest) 12/84 8°20.2'S 128°29.6'E
73006	1Ed. 8/44 LAST NM 12/84 Add	Light Fl 3s 56ft 12M	(51(460)84 Jakarta) 10/85 8°03.4'S 131°16.3'E
73006	1Ed. 8/44 LAST NM 10/85 Change	Light to FR 11m 3M and add light flare symbol	(10(127)86 Jakarta) 18/86 7°08.7'S 131°43.2'E
73006	1Ed. 8/44 LAST NM 18/86 Add	Light Q(4) 10M	(35(2539)86 Taunton) 42/86 8°00.4'S 131°17.1'E
73006	1Ed. 8/44 LAST NM 42/86 Add	Light Fl(3) 10s 138ft 18M	(24(196)87 Jakarta) 45/87 8°13.1'S 127°36.2'E
★73008	7Ed. 11/6/82	NEW EDITION	(DMAHTC) 2/83
73008	7Ed. 11/6/82 LAST NM 2/83 Change	Lights to Fl 5s 8M Ra Ref Q 10M Q 10M	(26(227-229)83 Jakarta) 42/83 2°48.7'S 120°57.0'E 2°59.8'S 120°56.0'E 3°08.2'S 120°53.2'E
73008	7Ed. 11/6/82 LAST NM 42/83 Add	Light Fl(2) 5s 12M	(47(3039)83 Taunton) 2/84 4°50.7'S 122°44.0'E
73008	7Ed. 11/6/82 LAST NM 2/84 Add	Light Fl 4s 10M	(29(1886)84 Taunton) 37/84 5°30.8'S 122°53.4'E
73008	7Ed. 11/6/82 LAST NM 37/84 Change	Characteristic of light to Q	(12(109)85 Jakarta) 25/85 2°48.7'S 120°57.0'E
73008	7Ed. 11/6/82 LAST NM 25/85 Add	Light Fl(4) 25M	(45(478)85 Jakarta) 7/86 3°58.8'S 123°01.0'E
73008	7Ed. 11/6/82 LAST NM 7/86 Add	Light Q(4) 8s 12M	(47(3143)85 Taunton) 8/86 5°28.6'S 122°35.1'E
73008	7Ed. 11/6/82 LAST NM 8/86 Add	Light Fl(3) 10s 12M	(2(165)86 Taunton) 13/86 5°30.0'S 122°31.1'E
73008	7Ed. 11/6/82 LAST NM 13/86 Add	Light Fl(2) 12M	(51(535)86 Jakarta) 16/86 4°56.2'S 122°47.6'E
73008	7Ed. 11/6/82 LAST NM 16/86 Add	Light Fl 5s 12M	(8(108)86 Jakarta) 18/86 5°41.1'S 122°27.8'E
73008	7Ed. 11/6/82 LAST NM 18/86 Change	Light to Fl 10M	(23(290), 24(300)86 Jakarta) 37/86 3°58.1'S 122°46.0'E
	Add	Light Fl Y	4°03.2'S 121°36.0'E
73008	7Ed. 11/6/82 LAST NM 37/86 Add	Light Fl R 4s 8m 8M	(48(553)86 Jakarta) 10/87 4°31.9'S 120°27.9'E
73008	7Ed. 11/6/82 LAST NM 10/87 Change	Visibility (range) of lights to 17M 8M	(Indo CH 142, Indo LL) 19/87 5°44.2'S 120°29.8'E 1°58.8'S 121°51.0'E
	Add	Legend "EXPLOSIVES DUMPING AREA"	5°55.0'S 121°10.0'E
73008	7Ed. 11/6/82 LAST NM 19/87 Add	Stranded wreck (PA)	(12(944)87 Taunton) 21/87 5°37.0'S 122°51.5'E
73008	7Ed. 11/6/82 LAST NM 21/87 Add	Light Fl(3) 10s 20M	(5(426)88 Taunton) 14/88 7°23.4'S 121°05.1'E
★73008	7Ed. 11/6/82 LAST NM 14/88 Delete	Depth 30 fathoms	(MCNM1003/89) 7/89 7°11.2'S 120°35.5'E

(continued on next page)

			7/89
★73008	(Continued)		
	Add	Depths 220 fathoms	6°15.2′S 121°05.6′E
		51 fathoms	6°52.4′S 120°43.4′E
		37 fathoms	6°52.4′S 120°44.2′E
		31 fathoms	6°59.7′S 120°41.8′E
		19 fathoms	7°11.0′S 120°35.3′E
		9 fathoms	7°10.5′S 120°36.0′E
		10 fathoms	7°12.4′S 120°34.2′E
		10¼ fathoms	7°05.4′S 120°28.0′E
		2 fathoms	6°58.9′S 120°28.7′E
73008	7Ed. 11/6/82 LAST NM 7/89		(50(414)88 Jakarta) 14/89
	Delete	Lights	3°00.0′S 120°56.0′E
			3°08.0′S 120°53.0′E
★73010	2Ed. 8/9/80	NEW EDITION	(DMAHTC) 41/80
73010	2Ed. 8/9/80 LAST NM 41/80		(10(566)81 Taunton) 17/81
	Add	Depth 90 fathoms enclosed by depth contour (100-fathom)	2°49.0′S 125°41.0′E
73010	2Ed. 8/9/80 LAST NM 17/81		(BA LL) 33/81
	Add	Light Fl(2+1) 40sec 92ft 15M	2°04.3′S 123°55.0′E
73010	2Ed. 8/9/80 LAST NM 33/81		(1(7)82 Jakarta) 23/82
	Change	Note to "NOTE Waters within 15 miles of Buru are prohibited to all non-Indonesian vessels, with the exception of Manipa Strait. See annual NM 1(15)."	6°12.0′S 126°10.0′E
73010	2Ed. 8/9/80 LAST NM 23/82		(10(611)82 Taunton; DMAHTC) 35/82
	Change	Note in upper left margin of chart to "Omega Australia, Station G is scheduled to become operational in 1982. Users will be notified by Notice to Mariners and the normal Omega information sources when the station becomes usable for navigation."	
	Add	Depth 19 fathoms	2°00.5′S 124°11.4′E
73010	2Ed. 8/9/80 LAST NM 35/82		(12(858)85 Taunton) 21/85
	Add	Light Fl R 5s 59ft 8M	2°03.5′S 125°59.1′E
73010	2Ed. 8/9/80 LAST NM 21/85		(39(408)85 Jakarta) 6/86
	Add	Light Fl(4) 8s 10M	1°58.5′S 125°57.1′E
73010	2Ed. 8/9/80 LAST NM 6/86		(45(478)85 Jakarta) 7/86
	Add	Light Fl(4) 20s 44m 25M	3°58.9′S 13°01.0′E
73010	2Ed. 8/9/80 LAST NM 7/86		(52(558)85 Jakarta) 16/86
	Add	Light Fl G 4s 56ft 6M	4°12.8′S 122°56.2′E
73010	2Ed. 8/9/80 LAST NM 16/86		(45(478)85 Jakarta) 18/86
	Add	Light Fl(4) 20s 44m 25M (Cancels 5/86-73010)	3°58.9′S 123°01.0′E
★73012	4Ed. 11/21/81	NEW EDITION	(DMAHTC; 16(203)78 Jakarta) 3/82
	Relocate	Light (FR) (0°27.3′N 121°23.5′E) to	0°27.3′N 121°13.5′E
73012	4Ed. 11/21/81 LAST NM 3/82		(9(546)82 Taunton) 17/82
		(Plan)	
	Delete	Buoys (5) in vicinity	1°28′06″N 125°14′08″E 1°26′54″N 125°12′32″E
	Add	Legend "Work in progress (1982)"	1°26′30″N 125°12′12″E
73012	4Ed. 11/21/81 LAST NM 17/82		(25(1496)82 Taunton) 43/82
	Change	Light to Fl 3s 52ft 10M	1°22.1′S 120°45.5′E
73012	4Ed. 11/21/81 LAST NM 43/82		(20(172)82 Jakarta) 44/82
	Add	Light Fl(4) 3s 33ft 11M	0°56.5′S 122°48.8′E
73012	4Ed. 11/21/81 LAST NM 44/82		(26(1574)82 Taunton) 5/83
	Add	Light Fl R 8M	1°27.6′N 125°13.8′E

(continued on next page)

73012 (Continued)

(Plan) 5/83

Add — Light Fl R 3s 59ft 8M — 1°27'34"N 125°13'51"E

73012 4Ed. 11/21/81 LAST NM 5/83

Add — Light Fl 3s 230ft 20M — (31(2029)83 Taunton) 39/83 1°19.4'N 125°04.0'E

73012 4Ed. 11/21/81 LAST NM 39/83

Add — Purple dashed-line circle, radius 6 miles, centered — (43(397)83 Jakarta) 51/83 0°10.0'S 121°36.6'E

Legend "See Note" — 0°14.5'S 121°36.6'E

Note in upper left margin of chart
"NOTE
Indonesia has declared the waters within 3 miles of Palau Unauna closed and prohibited to navigation. See annual NM 1(15)."

73012 4Ed. 11/21/81 LAST NM 51/83

Delete — Depth 2¾ fathoms — (14(126)84 Jakarta) 28/84 1°08.2'N 120°47.2'E

Substitute — Depth 4¼ fathoms for 7 fathoms — 1°02.9'N 120°47.2'E

73012 4Ed. 11/21/81 LAST NM 28/84

Delete — Depth 20 fathoms and legend "unsurveyed Rep (1945)" — (18(162)84 Jakarta) 35/84 0°58.0'S 122°49.1'E

73012 4Ed. 11/21/81 LAST NM 35/84

Add — Depth 3¼ fathoms — (20(1354)85 Taunton) 31/85 1°29.1'N 125°14.5'E

73012 4Ed. 11/21/81 LAST NM 31/85

Delete — Light — (46(3076)85 Taunton) 8/86 0°27.3'N 121°13.5'E

Add — Lights Fl — 0°28.1'N 121°14.0'E 1°23.1'S 120°42.7'E

73012 4Ed. 11/21/81 LAST NM 8/86

Substitute — Depth 1 fathom for 3¼ fathoms — (41(477)86 Jakarta) 3/87 1°02.8'N 122°39.5'E

73012 4Ed. 11/21/81 LAST NM 3/87

Add — Dangerous wreck — (Indo CH 121) 30/87 0°50.5'S 120°18.0'E

73012 4Ed. 11/21/81 LAST NM 30/87

Add — Light Fl G 3s 49ft 12M — (32(2464)88 Taunton) 41/88 1°30.5'N 125°14.7'E

73012 4Ed. 11/21/81 LAST NM 41/88

Change — Light to Fl(2) G 10s 56ft 10M — (6(59)89 Jakarta) 14/89 1°23.4'N 125°09.8'E

★73014 10Ed. 4/5/80 NEW EDITION

Add — Depth 80 fathoms "Rep (1980)" (Previously published 16/80) — (DMAHTC) 24/80 4°18.5'N 125°40.5'E

73014 10Ed. 4/5/80 LAST NM 24/80

Add — Depth 274 fathoms "Rep (1980)" — (19(1036)80 Taunton) 27/80 4°58.1'N 125°48.2'E

73014 10Ed. 4/5/80 LAST NM 27/80

Add — "Explosives Dumping Area" bound by purple dashed line joining — (39(422)80 Jakarta) 52/80 1°35'N 124°30'E 1°35'N 124°35'E 1°40'N 124°35'E 1°40'N 124°30'E

joining — 1°16'N 125°23'E 1°16'N 125°28'E 1°13'N 125°28'E 1°13'N 125°23'E

73014 10Ed. 4/5/80 LAST NM 52/80

Add — "Explosives Dumping Area" bound by purple dashed line joining — (41(443)80 Jakarta) 2/81 3°20'N 125°11'E 3°25'N 125°11'E 3°25'N 125°19'E 3°20'N 125°19'E

73014 10Ed. 4/5/80 LAST NM 2/81

Change — Light to L Fl 15M — (15(873)81 Taunton) 23/81 1°29.5'N 124°50.0'E

73014	10Ed. 4/5/80 LAST NM 23/81		(17(1022)82 Taunton) 37/82
	Delete	Depth 35 fathoms "Rep (1970)"	2°02.9'N 125°16.0'E
	Add	Depths 34 fathoms "Rep (1976)"	2°03.3'N 125°15.0'E
		35 fathoms "Rep (1982)"	2°05.0'N 125°15.8'E
		35 fathoms "Rep (1982)"	2°04.3'N 125°16.3'E
73014	10Ed. 4/5/80 LAST NM 37/82		(31(2029)83 Taunton) 39/83
	Add	Light Fl 20M	1°19.3'N 125°03.7'E
73014	10Ed. 4/5/80 LAST NM 39/83		(BA CH 2575) 30/85
	Add	Light FR	4°44.5'N 125°28.5'E
73014	10Ed. 4/5/80 LAST NM 30/85		(20(1354)85 Taunton) 31/85
	Add	Depth 3¼ fathoms	1°29.4'N 125°14.7'E
73014	10Ed. 4/5/80 LAST NM 31/85		(34(2273)85 Taunton) 42/85
	Add	Depth 32 fathoms "Rep (1985)"	2°03.0'N 125°16.5'E
73014	10Ed. 4/5/80 LAST NM 42/85		(3(241)86 Taunton) 16/86
	Add	Light Fl 12M	2°21.3'N 125°17.8'E
73014	10Ed. 4/5/80 LAST NM 16/86		(5(367)86 Taunton) 17/86
	Add	Light Fl 3s 25M	3°36.1'N 125°30.0'E
73014	10Ed. 4/5/80 LAST NM 17/86		(32(2464)88 Taunton) 41/88
	Add	Light Fl G 12M	1°30.1'N 125°14.5'E
★73016	3Ed. 3/31/79	NEW EDITION	(DMAHTC) 23/79
★73016	3Ed. 3/31/79 LAST NM 23/79		(NVS5046/79) 41/79
	Add	Depth 138 fathoms	0°37.3'N 128°49.7'E
73016	3Ed. 3/31/79 LAST NM 41/79		(33(1976)79 Taunton) 5/80
	Add	Depth 218 fathoms "Rep (1979)"	1°12.3'S 129°10.0'E
73016	3Ed. 3/31/79 LAST NM 5/80		(8(477)80 Taunton) 19/80
	Add	Depth 174 fathoms "Rep (1979)"	2°45'N 128°30'E
73016	3Ed. 3/31/79 LAST NM 19/80		(2(113)81 Taunton) 9/81
	Add	Depth 104 fathoms "Rep (1980)"	0°46.5'N 129°24.6'E
73016	3Ed. 3/31/79 LAST NM 9/81		(19(1118)82 Taunton) 38/82
	Add	Light Fl 5sec 7M	0°45.5'N 127°22.0'E
73016	3Ed. 3/31/79 LAST NM 38/82		(9(73)83 Jakarta) 29/83
	Add	Light Fl 8sec	0°45.5'N 127°18.5'E
73016	3Ed. 3/31/79 LAST NM 29/83		(7(66)83 Jakarta) 15/84
	Relocate	Light close E to and change to Qk Fl(4) 8sec	0°45.5'N 127°18.6'E
73016	3Ed. 3/31/79 LAST NM 15/84		(12(857)85 Taunton) 21/85
	Add	Light Fl(2) 6s 15M	1°31.4'N 128°44.8'E
73016	3Ed. 3/31/79 LAST NM 21/85		(16(1203)86 Taunton) 24/86
	Substitute	Depth 7¾ fathoms "Rep (1986)" (PA) for 97 fathoms "Rep (1964)" (PA)	1°32.8'S 129°41.8'E
73016	3Ed. 3/31/79 LAST NM 24/86		(10(77)88 Jakarta) 21/88
	Add	Light Fl(3) 20s 20M	1°49.2'S 126°29.1'E
★73018	2Ed. 3/16/85	NEW EDITION	(DMAHTC; BA LL 12(857, 858)85 Taunton) 21/85
	Add	Legend to lights "FR"	3°04.2'S 128°11.4'E
		"Fl R"	3°43.1'S 128°05.0'E
		"Fl G"	3°42.1'S 128°09.5'E
		Lights Fl(2) 6s 111ft 15M	1°31.3'S 128°44.7'E
		Fl R 5s 59ft 8M	2°03.5'S 125°59.3'E
73018	2Ed. 3/16/85 LAST NM 21/85		(39(408)85 Jakarta) 6/86
	Add	Light Fl(4) 8s 10M	1°58.5'S 125°57.1'E
73018	2Ed. 3/16/85 LAST NM 6/86		(10(77)88 Jakarta) 21/88
	Add	Light Fl(3) 20s 213ft 20M	1°49.3'S 126°29.2'E

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73018	2Ed. 3/16/85 LAST NM 21/88		(47(384)88 Jakarta) 10/89
	Add	R Bn at light	3°47.0'S 128°05.6'E
★**73020**	8Ed. 2/9/85	NEW EDITION	(DMAHTC; 1(67)82 Taunton) 20/85
	Add	Depth 6 fathoms (Previously published 8/85)	2°20.0'S 130°17.3'E
	Add	Light Fl 12M (Previously published 10/85)	8°03.4'S 131°16.3'E
	Delete	Legend "(PA)" from R Bn (AERO)	11°11.1'S 136°05.6'E
73020	8Ed. 2/9/85 LAST NM 20/85		(12(857, 859)85 Taunton) 21/85
	Add	Lights Fl(2) 12M	3°14.0'S 135°35.0'E
		Fl(2) 15M	11°31.4'S 128°44.9'E
73020	8Ed. 2/9/85 LAST NM 21/85		(26(391)85 Sydney) 32/85
	Add	Depth 1 ¾ fathoms "Rep (1985)"	11°49.5'S 136°26.0'E
73020	8Ed. 2/9/85 LAST NM 32/85		(43(640)85 Sydney) 52/85
	Delete	Depth 53 fathoms	9°58.0'S 129°15.5'E
	Add	Depths 5¼ fathoms	9°58.8'S 129°13.7'E
		15 fathoms	10°36.2'S 129°28.3'E
		16 fathoms	10°39.5'S 129°30.5'E
73020	8Ed. 2/9/85 LAST NM 52/85		(49(718)85 Sydney; 48(3211)85 Taunton) 11/86
	Delete	Depth 59 fathoms	9°50.0'S 129°07.0'E
	Add	Depth 10 fathoms "Rep (1985)"	9°52.0'S 129°06.5'E
		Light Fl(3) 25M	4°19.2'N 129°42.2'E
73020	8Ed. 2/9/85 LAST NM 11/86		(10(129), 11(139, 141)86 Jakarta) 18/86
	Change	Visibility (range) of light to 14M and delete legend "(PA)"	0°33.0'S 133°09.0'E
	Add	Light Fl 17M	11°11.0'S 136°04.3'E
73020	8Ed. 2/9/85 LAST NM 18/86		(49(718)85 Sydney; 48(3211)85 Taunton) 19/86
	Add	Light Fl(3) 25M (See 11/86-73020)	4°19.2'S 129°42.2'E
73020	8Ed. 2/9/85 LAST NM 19/86		(9(691)86 Taunton) 20/86
	Add	Light Fl(2) 12M	4°44.6'S 136°31.5'E
73020	8Ed. 2/9/85 LAST NM 20/86		(16(1203)86 Taunton) 24/86
	Substitute	Depth 7¾ fathoms "Rep (1986" (PA) for 97 fathoms "Rep (1964)	11°33.0'S 129°42.0'E
73020	8Ed. 2/9/85 LAST NM 24/86		(12(148)86 Jakarta) 25/86
	Change	Light to Oc 15M	1°20.0'S 134°17.8'E
73020	8Ed. 2/9/85 LAST NM 25/86		(12(148)86 Jakarta) 29/86
	Change	Light to Fl 15M (Cancels 25/86-73020)	1°20.0'S 134°17.8'E
73020	8Ed. 2/9/85 LAST NM 29/86		(25(1817)86 Taunton) 35/86
	Add	Light Fl 12M	0°57.8'S 135°30.1'E
73020	8Ed. 2/9/85 LAST NM 35/86		(25(313)86 Jakarta) 36/86
	Change	Visibility (range) of light to 27M	8°20.0'S 128°30.0'E
73020	8Ed. 2/9/85 LAST NM 36/86		(27(333)86 Jakarta) 37/86
	Add	Wreck	0°09.5'S 129°57.5'E
73020	8Ed. 2/9/85 LAST NM 37/86		(Indo CH 151) 52/86
	Add	Danger circle "Explosives"	1°19.0'S 135°57.0'E
73020	8Ed. 2/9/85 LAST NM 52/86		(Aus CH 410) 18/87
	Add	Racon to light	10°59.0'S 136°46.0'E
		R Bn (AERO)	12°16.5'S 136°51.5'E
		Lights Fl(2) 11M	11°31.0'S 136°07.5'E
		Fl(3) 10M	11°47.5'S 136°01.8'E
		Depth 2¾ fathoms "Rep (1983)"	11°21.0'S 136°15.5'E
73020	8Ed. 2/9/85 LAST NM 18/87		(20(1545)88 Taunton) 31/88
	Add	Depth 37 fathoms "Rep (1988)"	0°00.0' 129°29.9'E

73020	8Ed. 2/9/85 LAST NM 31/88 Add	R Bn	(47(383)88 Jakarta) 10/89 0°50.0′S 131°12.7′E
73020	8Ed. 2/9/85 LAST NM 10/89 Change	Legends "(PA)" to "(PD)"	(8(149)89 Sydney) 22/89 9°55′S 136°17′E 9°58′S 135°46′E
★73022	3Ed. 8/18/84	NEW EDITION	(DMAHTC) 41/84
73022	3Ed. 8/18/84 LAST NM 41/84 Change	Light to Fl(3) 15s 14M	(25(1498)82 Taunton) 8/85 1°45.5′S 131°08.2′E
73022	3Ed. 8/18/84 LAST NM 8/85 Add	Light Fl(3) 25M	(48(3211)85 Taunton) 11/86 4°19.2′S 129°42.2′E
73022	3Ed. 8/18/84 LAST NM 11/86 Change	Visibility (range) of light to 14M	(11(139)86 Jakarta) 18/86 5°06.9′S 131°59.9′E
73022	3Ed. 8/18/84 LAST NM 18/86 Substitute	Depth 7¾ fathoms "Rep (1986)" (PA) for 97 fathoms "(rep 1964)" (PA)	(16(1203)86 Taunton; BA CH 3744) 24/86 1°32.8′S 129°42.0′E
	Add	Depths 16 fathoms 17 fathoms	1°37.0′S 130°27.1′E 1°43.0′S 130°30.2′E
73022	3Ed. 8/18/84 LAST NM 24/86 Change	Light to Fl R 5M	(BA LL) 29/86 1°24.5′S 130°54.5′E
73022	3Ed. 8/18/84 LAST NM 29/86 Add	Legends "Numerous Shoals Rep (1987)"	(3(260)88 Taunton) 13/88 1°54.0′S 131°28.0′E 2°05.0′S 131°29.0′E
		Depths 5½ fathoms 6 fathoms	2°05.8′S 131°45.8′E 2°06.6′S 131°47.8′E
★73024	2Ed. 4/2/77	NEW EDITION	(DMAHC) 21/77
73024	2Ed. 4/2/77 LAST NM 21/77 Change	Light to Fl 4sec 24M (PA)	(31(293)77 Jakarta) 45/77 5°19.8′S 134°34.2′E
73024	2Ed. 4/2/77 LAST NM 45/77 Change	Light to Gp Fl (4) 20sec 144ft 14M	(29(366)78 Jakarta) 12/79 8°30.2′S 140°22.2′E
73024	2Ed. 4/2/77 LAST NM 12/79 Add	Wreck	(39(476)78 Jakarta) 19/79 4°07.7′S 133°08.1′E
73024	2Ed. 4/2/77 LAST NM 19/79 Substitute	Depth 321 fathoms for 32 fathoms	(NVS4025/79) 24/79 4°08.1′S 133°07.9′E
73024	2Ed. 4/2/77 LAST NM 24/79 Add	Depth 5¾ fathoms	(NVS5045/79) 41/79 4°04.9′S 133°29.7′E
73024	2Ed. 4/2/77 LAST NM 41/79 Delete	Light	(33(392, 393), 34(404)79 Jakarta) 25/80 6°55′S 138°32′E
	Change	Light to Fl 5sec 46ft 7M	8°15′S 139°27′E
	Add	Buoys, each black and white stripes, Fl 3sec Ra Ref in Fl 3sec	5°40.0′S 137°52.8′E 7°08.0′S 138°32.5′E
73024	2Ed. 4/2/77 LAST NM 25/80 Change	Lights to Iso 4sec 98ft 10M Fl 5sec 72ft 7M	(45(535, 536)79 Jakarta) 39/80 5°20′S 134°34′E 5°46′S 134°11′E
73024	2Ed. 4/2/77 LAST NM 39/80 Change	Visibility (range) of light to 18M	(37(533)80 Sydney) 43/80 8°30.1′S 140°22.2′E
73024	2Ed. 4/2/77 LAST NM 43/80 Add	Wreck (PA)	(38(904)81 Jakarta) 6/82 5°40′S 133°47′E
73024	2Ed. 4/2/77 LAST NM 6/82 Add	Light Qk Fl 6M, Occ 4½sec 6M	(33(257)82 Jakarta) 51/82 4°53.4′S 136°46.6′E
73024	2Ed. 4/2/77 LAST NM 51/82 Add	Stranded wreck	(1(6T)83 Jakarta) 16/83 7°01.4′S 134°40.4′E

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73024	2Ed. 4/2/77 LAST NM 16/83 Add	Gp Fl(3) 15sec 98ft 16M	(26(1698)83 Taunton) 35/83 4°18.7'S 133°37.4'E
73024	2Ed. 4/2/77 LAST NM 35/83 Add	Dangerous wreck "Rep 1980"	(Indo CH 407) 9/86 5°15.0'S 134°24.5'E
73024	2Ed. 4/2/77 LAST NM 9/86 Add	Lights Fl 6s 82ft 10M Fl(3) 15s 14M	(11(137, 140)86 Jakarta) 18/86 8°27.3'S 140°14.9'E 3°43.0'S 133°48.2'E
73024	2Ed. 4/2/77 LAST NM 18/86 Add	Light Fl(2) 12M	(9(691)86 Taunton) 20/86 4°45.1'S 136°31.3'E
73024	2Ed. 4/2/77 LAST NM 20/86 Add	Depth 25 fathoms	(Indo CH 151) 52/86 4°27.5'S 134°50.4'E
73024	2Ed. 4/2/77 LAST NM 52/86 Delete	Stranded wreck	(3(21)87 Jakarta) 14/87 7°01.4'S 134°40.4'E
73024	2Ed. 4/2/77 LAST NM 14/87 Add	Depth 3¾ fathoms	(8(636)87 Taunton) 18/87 8°52.5'S 139°38.0'E
★73030	3Ed. 9/14/85	NEW EDITION	(DMAHTC) 48/85
73030	3Ed. 9/14/85 LAST NM 48/85 Add	Depth 5½ fathoms Rock awash	(Indo CH 236) 11/86 2°32.3'S 140°45.0'E 2°33.4'S 140°45.0'E
73030	3Ed. 9/14/85 LAST NM 11/86 Add	Light Fl 15M	(10(129)86 Jakarta) 18/86 1°11.0'S 136°04.3'E
73030	3Ed. 9/14/85 LAST NM 18/86 Change	Light to Fl 5s 102ft 12M (PA)	(BA LL) 25/86 1°27.7'S 137°53.8'E
73030	3Ed. 9/14/85 LAST NM 25/86 Change	Visibility (range) of light to 22M	(28(346)86 Jakarta) 38/86 2°32.0'S 140°44.8'E
73030	3Ed. 9/14/85 LAST NM 38/86 Change	Period of light to 5s	(42(344)88 Jakarta) 53/88 1°11.6'S 136°08.2'E
73030	3Ed. 9/14/85 LAST NM 53/88 Add	"EXPLOSIVES DUMPING AREA" bound by purple dashed line joining	(2(25)89 Jakarta) 14/89 2°05'00"S 140°20'00"E 2°05'00"S 140°25'00"E 2°10'00"S 140°25'00"E 2°10'00"S 140°20'00"E
★73032	3Ed. 3/13/82 Add	NEW EDITION Legend "See Plan"	(DMAHTC) 19/82 1°37.1'S 135°59.5'E
73032	3Ed. 3/13/82 LAST NM 19/82 Add	Light Fl 5s 30m 15M	(15(139)82 Jakarta) 47/82 0°48'56"N 134°17'10"E
73032	3Ed. 3/13/82 LAST NM 47/82 Relocate	R Bn (AERO) close NW to	(1(67)82 Taunton) 15/83 1°11.1'S 136°05.6'E
73032	3Ed. 3/13/82 LAST NM 15/83 Add	Danger circle "Unexploded ordnance"	(3(26)84 Jakarta) 15/84 1°10.0'S 135°40.0'E
73032	3Ed. 3/13/82 LAST NM 15/84 Add	Light Oc 4s 164 ft 21M	(50(3329)84 Taunton) 6/85 1°20.7'S 134°17.3'E
73032	3Ed. 3/13/82 LAST NM 6/85 Add	Light Fl(2) 8s 75ft 12M	(12(859)85 Taunton) 21/85 3°14.0'S 135°35.0'E
73032	3Ed. 3/13/82 LAST NM 21/85 Add	Light Fl 15M	(10(129)86 Jakarta) 18/86 1°11.0'S 136°04.3'E
73032	3Ed. 3/13/82 LAST NM 18/86 Change	Visibility (range) of light to 15M	(12(148)86 Jakarta) 25/86 1°20.7'S 134°17.3'E
73032	3Ed. 3/13/82 LAST NM 25/86 Change	Light to Fl 4s 69ft 15M (Supersedes 25/86-73032)	(12(148)86 Jakarta) 29/86 1°20.7'S 134°17.3'E
73032	3Ed. 3/13/82 LAST NM 29/86 Add	Light Fl 3s 56ft 12M	(25(1817)86 Taunton) 35/86 0°58.0'S 135°30.3'E

73032	3Ed. 3/13/82 LAST NM 35/86 Add	Light FR 10M	(47(3404)86 Taunton) 8/87 0°51.8'S 134°04.8'E
73032	3Ed. 3/13/82 LAST NM 8/87 Change	Period of light to 5s	(42(344)88 Jakarta) 53/88 1°11.6'S 136°08.2'E
★73034	4Ed. 2/8/86	NEW EDITION	(DMAHTC) 16/86
73034	4Ed. 2/8/86 LAST NM 16/86 Change	Light to Fl(2) 14M and delete legend "(PA)"	(11(141)86 Jakarta) 18/86 0°33.0'S 133°09.1'E
73034	4Ed. 2/8/86 LAST NM 18/86 Change	Light to Oc 15M	(12(148)86 Jakarta) 25/86 1°21.0'S 134°17.0'E
73034	4Ed. 2/8/86 LAST NM 25/86 Change	Lights to Fl R 5M Fl 15M (Cancels 25/86-73034)	(BA LL; 12(148)86 Jakarta) 29/86 1°24.5'S 130°54.6'E 1°21.0'S 134°17.0'E
73034	4Ed. 2/8/86 LAST NM 29/86 Add	Wreck	(27(333)86 Jakarta) 37/86 0°09.5'S 129°57.5'E
73034	4Ed. 2/8/86 LAST NM 37/86 Add	Light FR 10M	(47(3404)86 Taunton) 8/87 0°51.8'S 134°04.8'E
73034	4Ed. 2/8/86 LAST NM 8/87 Add	Light Fl G 2s 7m 5M	(49(565)86 Jakarta) 10/87 0°53.1'S 131°13.9'E
73034	4Ed. 2/8/86 LAST NM 10/87 Add	Depth 37 fathoms "Rep (1988)"	(20(1545)88 Taunton) 31/88 0°00.0' 129°29.9'E
73034	4Ed. 2/8/86 LAST NM 31/88 Add	R Bn	(47(383)88 Jakarta) 10/89 0°50.3'S 131°12.7'E
73041	Ed. 4/67 LAST NM 1A/71 Delete	Light	(10(133)78 Jakarta) N28/78 8°29.5'S 119°53.0'E
73041	Ed. 4/67 LAST NM 28/78 Change	Lights to Iso 2sec 446ft 5M Occ 3sec 512ft 12M	(23(279)79 Jakarta) N24/80 8°39.5'S 119°14.0'E 8°39.7'S 119°14.0'E
73041	Ed. 4/67 LAST NM 24/80 Change	Visibility (range) of lights to 30M 30M	(BA LL) N26/81 8°39.5'S 119°14.0'E 8°39.7 S 119°14.0'E
73041	Ed. 4/67 LAST NM 26/81 Delete	(Previously Distribution Limited) Note "U.S. GOVERNMENT...ONLY" in lower right margin of chart	(DMAHTC) 5/84
73041	Ed. 4/67 LAST NM 5/84 Add	Light Fl G 12M	(15(1128)86 Taunton) 27/86 8°33'18"S 119°01'40"E
73041	Ed. 4/67 LAST NM 27/86 Add	Light Fl 15s 144ft 18M	(14(1117)89 Taunton) 25/89 8°18.8'S 119°00.5'E
★73072	3Ed. 9/20/86 Relocate	NEW EDITION Light close E to	(DMAHTC; 25(311)86 Jakarta) 48/86 10°11.8'S 123°31.4'E
	Change	Note to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	10°38.5'S 123°34.5'E
73072	3Ed. 9/20/86 LAST NM 48/86 Relocate	Light close W to (See 48/86-73072)	(25(311)86 Jakarta) 3/87 10°11.8'S 123°31.4'E
73081	Ed. 4/43 LAST NM 1A/71 Add	Legend "See Note" Note from back of Section I	(28(355)78 Jakarta) N39/78 9°50'S 125°10'E 9°17'S 123°55'E
73081	Ed. 4/43 LAST NM 39/78 Substitute	Note from back of Section I for note	(22(272)79 Jakarta) N48/79 9°17'S 123°55'E

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73081	Ed. 4/43 LAST NM 48/79	(Previously Distribution Limited)	(DMAHTC) 5/84
	Delete	Note "FOR OFFICIAL USE ONLY" in lower right margin of chart	

★73130	6Ed. 8/18/84	NEW EDITION	(DMAHTC) 44/84
73130	6Ed. 8/18/84 LAST NM 44/84		(Indo CH 407) 9/86
	Add	Dangerous wreck "Rep 1980"	5°14.8'S 134°24.3'E
73130	6Ed. 8/18/84 LAST NM 9/86		(3(21)87 Jakarta) 14/87
	Delete	Stranded wreck	7°01.3'S 134°40.3'E

★73141	4Ed. 12/7/85	NEW EDITION	(DMAHTC) 7/86
	Add	Light Fl(4) 8s (Previously published 3/86)	5°28.8'S 132°49.0'E
73141	4Ed. 12/7/85 LAST NM 7/86		(11(139)86 Jakarta) 18/86
	Change	Light Fl 5s 12M	5°06.7'S 131°59.8'E

73191	2Ed. 3/22/80	NEW EDITION	(DMAHTC) 20/80
73191	2Ed. 3/22/80 LAST NM 20/80		(41(2647)83 Taunton) 50/83
	Add	Depth 150 meters	8°23'10"S 123°45'51"E
73191	2Ed. 3/22/80 LAST NM 50/83		(8(107)86 Jakarta) 18/86
	Add	Light Fl 3s 8M	8°59'42"S 124°51'33"E
73191	2Ed. 3/22/80 LAST NM 18/86		(7(581)88 Taunton) 14/88
	Add	Depth 42 meters "Rep (1987)"	8°21'25"S 123°47'52"E

★73201	3Ed. 3/20/76	NEW EDITION	(DMAHC) 19/76
73201	3Ed. 3/20/76 LAST NM 19/76		(23(246)85 Jakarta) 44/85
	Add	Light Fl 4s 11m 7M	8°20'30"N 122°59'30"E
73201	3Ed. 3/20/76 LAST NM 44/85		(16(1202)86 Taunton) 24/86
	Add	Light Fl 5s 17m 12M	8°19'12"S 123°00'56"E
73201	3Ed. 3/20/76 LAST NM 24/86		(24(297)86 Jakarta; BA LL) 37/86
	Change	Light to Fl 4s 13m 8M (See 44/85-73201)	8°20'30"N 122°59'30"E
	Add	Light Fl(3) 15s 18m 8M and delete legend "FR 1M"	8°23'35"S 123°10'00"E

★73261	4Ed. 8/30/86	NEW EDITION	(DMAHTC) 46/86
73261	4Ed. 8/30/86 LAST NM 46/86 (And Plan B)		(BA LL) 18/89
	Change	Light to Fl 4s 12m 9M	5°27'19"S 122°37'00"E

★73271	7Ed. 2/3/79	NEW EDITION	(DMAHTC) 14/79
73271	7Ed. 2/3/79 LAST NM 14/79		(16(194)79 Jakarta) 48/79
	Change	Lights to FR 2M Gp Fl R 6M	3°58.3'S 122°35.0'E 3°58.7'S 122°35.7'E
73271	7Ed. 2/3/79 LAST NM 48/79		(29(1594)80 Taunton) 37/80
	Delete	Depth 24 fathoms	3°58.60'S 122°38.60'E
	Add	Depth 7 fathoms	3°58.45'S 122°38.70'E
73271	7Ed. 2/3/79 LAST NM 37/80		(39(2514)83 Taunton) 46/83
	Substitute	Light Fl R 6sec 49ft 5M for Bn "No. 4"	3°58.3'S 122°40.4'E
73271	7Ed. 2/3/79 LAST NM 46/83		(45(478)85 Jakarta) 7/86
	Add	Light Fl(4) 20s 44m 25M	3°58.8'S 123°01.0'E
73271	7Ed. 2/3/79 LAST NM 7/86		(7(93, 95)86 Jakarta) 13/86
	Change	Lights to Fl R Fl(4)	3°58.3'S 122°36.4'E 3°58.7'S 122°35.7'E

73271	7Ed. 2/3/79 LAST NM 18/86		(15(1125)86 Taunton) 27/86
	Add	Depth 6¾ fathoms	3°57'53"S 122°39'00"E
73271	7Ed. 2/3/79 LAST NM 27/86		(23(290)86 Jakarta) 37/86
	Change	Light to Fl 4s 56ft 10M	3°58.6'S 122°46.0'E
73291	Ed. 6/43 LAST NM 1A/71		(33(1975)79 Taunton) N5/80
	Add	Submerged rock enclosed by dotted line (ED)	2°15.5'S 122°48.8'E
73291	Ed. 6/43 LAST NM 5/80		(47(2560)80 Taunton) N2/81
	Add	Light Gp Fl(2+1) 40sec 28m 15M	2°04.3'S 123°55.0'E
73291	Ed. 6/43 LAST NM 2/81		(10(611)82 Taunton) N36/82
	Add	Depth 35 meters	2°00.5'S 124°11.4'E
73291	Ed. 6/43 LAST NM 36/82		(DMAHTC) 5/84
		(Previously Distribution Limited)	
	Delete	Note "U.S. GOVERNMENT.. ONLY" in lower right margin of chart	
★73341	8Ed. 8/16/80	NEW EDITION	(DMAHTC) 45/80
73341	8Ed. 8/16/80 LAST NM 45/80		(41(443)80 Jakarta) 2/81
		(Plan J)	
	Add	"Explosives Dumping Area" bound by purple dashed line joining	3°20'N 125°15'E 3°20'N 125°19'E 3°25'N 125°19'E 3°25'N 125°15'E
73341	8Ed. 8/16/80 LAST NM 2/81		(17(1022)82 Taunton) 37/82
		(Plan L)	
	Delete	Depth 35 fathoms "Rep (1970)"	2°02.2'N 125°16.2'E
	Add	Depths 34 fathoms "Rep (1976)"	2°03.3'N 125°15.0'E
		35 fathoms "Rep (1982)"	2°05.0'N 125°15.8'E
		35 fathoms "Rep (1982)"	2°04.3'N 125°16.3'E
73341	8Ed. 8/16/80 LAST NM 37/82		(11(105, 106)82 Jakarta) 45/82
		(Plan F)	
	Change	Light to FR 30ft 2M	3°39'08"N 125°33'36"E
		(Plan H)	
	Change	Light to FR 36ft 2M	3°36'43"N 125°29'27"E
		(Plan J)	
	Add	Visibility (range) 2M to lights	3°36'43"N 125°29'27"E 3°39'08"N 125°33'36"E
		(Plan L)	
	Add	Visibility (range) 2M to lights	2°20'36"N 125°22'50"E 2°43'58"N 125°24'31"E
		(Plan M)	
	Change	Light to FR 46ft 2M	2°20'36"N 125°22'50"E
		(Plan N)	
	Change	Light to FR 30ft 2M	2°43'58"N 125°24'31"E
73341	8Ed. 8/16/80 LAST NM 45/82		(34(2273)85 Taunton) 42/85
		(Plan L)	
	Add	Depth 32 fathoms "Rep (1985)"	2°03.0'N 125°16.6'E
73341	8Ed. 8/16/80 LAST NM 42/85		(43(2864)85 Taunton) 2/86
		(Plan A)	
	Change	Light to Fl(2) 10s	4°44.5'N 125°28.7'E
73341	8Ed. 8/16/80 LAST NM 2/86		(3(241)86 Taunton) 16/86
		(Plan L)	
	Add	Light Fl 2½s 49ft 12M	2°21'15"N 125°17'52"E
73341	8Ed. 8/16/80 LAST NM 16/86		(5(367)86 Taunton) 17/86
		(Plan J)	
	Add	Light Fl 3s 25M	3°36'08"N 125°30'02"E

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(Continued on next page)

73341	(Continued)		
		(Plan H)	17/86
	Add	Light Fl 3s 427ft 25M	3°36'08.4"N 125°30'02.4"E
★73441	2Ed. 2/13/82	NEW EDITION	(DMAHTC; 6(45)76 Jakarta) 18/82
	Change	Buoy to red, Fl 8s	3°39'28"S 128°12'01"E
73441	2Ed. 2/13/82 LAST NM 18/82		(32(292)83 Jakarta) 42/83
	Add	Bns, red	3°39'24"S 128°12'00"E
		green	3°39'41"S 128°11'41"E
73441	2Ed. 2/13/82 LAST NM 42/83		(Indo CH 398) 16/84
	Change	Characteristic of buoy to Fl R 6s	3°39'28"S 128°12'01"E
	Add	Danger circle "Obstr"	3°41'18"S 128°10'20"E
73441	2Ed. 2/13/82 LAST NM 16/84		(41(2745)85 Taunton) 50/85
	Delete	Stranded wreck	3°39.3'S 128°11.9'E
		Dangerous wreck and buoy close SW	3°41.3'S 128°10.7'E
73441	2Ed. 2/13/82 LAST NM 50/85		(13(166, 167)86 Jakarta) 25/86
	Substitute	Lights Fl R 5s 6M for beacon	3°39'24"S 128°12'00"E
		Fl G 5s 4M for beacon	3°39'41"S 128°11'41"E
73441	2Ed. 2/13/82 LAST NM 25/86		(47(384)88 Jakarta) 10/89
	Add	R Bn at light	3°47'04"S 128°05'37"E
★73451	6Ed. 8/18/79	NEW EDITION	(DMAHTC) 46/79
73451	6Ed. 8/18/79 LAST NM 46/79		(29(341), 31(366)79 Jakarta; BA LL) 25/80
		(Plan Kepulauan Gorong)	
	Change	Light to FR 33ft 2M (occas)	3°52.6'S 130°53.8'E
		(Plan Kepulauan Banda)	
	Add	Light Fl 10sec 20ft 7M (PA)	4°30'09"S 129°53'18"E
73451	6Ed. 8/18/79 LAST NM 25/80		(36(2125)81 Taunton) 47/81
		(Plan Kepulauan Banda)	
	Change	Height of light to 42ft	4°30'09"S 129°53'18"E
73451	6Ed. 8/18/79 LAST NM 47/81		(48(3211)85 Taunton) 11/86
		(Plan Kepulauan Banda)	
	Add	Light Fl(3) 15s 100ft 25M	4°19.4'S 129°42.2'E
73451	6Ed. 8/18/79 LAST NM 11/86		(13(158)86 Jakarta) 25/86
	Add	Light Fl 5s 36ft 7M	4°30'13"S 129°52'58"E
★73461	5Ed. 8/3/85	NEW EDITION	(DMAHTC; BA LL) 52/85
	Change	Light to Fl R 5s 6M	1°10.1'S 131°06.5'E
73461	5Ed. 8/3/85 LAST NM 52/85		(16(1203)86 Taunton) 24/86
	Substitute	Depth 7¾ fathoms "Rep (1986)" (PA)	
		for 97 fathoms "(rep 1964)" (PA)	1°32.8'S 129°42.0'E
73461	5Ed. 8/3/85 LAST NM 24/86		(13(164, 165)86 Jakarta) 25/86
	Change	Lights to Fl G 5s 6M	1°14.1'S 131°05.4'E
		Fl R 5s 23ft 6M	1°17.0'S 130°59.6'E
73461	5Ed. 8/3/85 LAST NM 25/86		(BA LL) 29/86
	Change	Light to Fl R 5s 39ft 5M	1°24.4'S 130°54.4'E
73461	5Ed. 8/3/85 LAST NM 29/86		(48(3662)87, 3(259, 260)88 Taunton) 13/88
	Relocate	Light close NW to	1°11'18"S 131°06'36"E
	Add	Depths 8¼ fathoms "Rep (1987)"	1°07'05"S 131°06'42"E
		5½ fathoms	2°05'45"S 131°45'30"E
		6 fathoms	2°06'24"S 131°47'18"E
		8 fathoms	1°13'42"S 131°03'38"E
		Legends	
		"Numerous Shoals Rep (1987)"	1°53'00"S 131°29'36"E
			2°04'12"S 131°30'00"E
★73470	4Ed. 6/10/78	NEW EDITION	(DMAHC) 29/78

73470	4Ed. 6/10/78 LAST NM 29/78		(29(367)78 Jakarta) 12/79
		(And Plan A)	
	Change	Height of light to 328ft	2°37.6′S 131°38.8′E
73470	4Ed. 6/10/78 LAST NM 12/79		(24(292)79 Jakarta) 24/80
	Add	Buoy, black and white stripes, Fl 5sec	1°45.9′S 131°41.7′E
73470	4Ed. 6/10/78 LAST NM 24/80		(34(403)79 Jakarta) 25/80
	Change	Light to Gp Fl (3) 15sec 112ft 7M	2°59.8′S 132°18.3′E
73470	4Ed. 6/10/78 LAST NM 25/80		(38(444, 445)79 Jakarta) 26/80
	Delete	Light	2°56.3′S 132°17.7′E
		(And Plan A)	
	Change	Visibility (range) of light to 12M	2°37.5′S 131°38.8′E
73470	4Ed. 6/10/78 LAST NM 26/80		(29(317)80 Jakarta) 47/80
	Change	Visibility (range) of light to 7M	2°16.7′S 132°17.1′E
73470	4Ed. 6/10/78 LAST NM 47/80		(Indo CH 187) 48/86
		(And Plan C)	
	Add	Depth 8½ fathoms	2°40′10″S 132°34′27″E
73470	4Ed. 6/10/78 LAST NM 48/86		(3(260)88 Taunton) 13/88
	Add	Legends	
		"Numerous Shoals Rep (1987)"	2°05′00″S 131°32′15″E
			1°55′00″S 131°30′00″E
		Depths 5½ fathoms	2°05′55″S 131°45′35″E
		6 fathoms	2°06′30″S 131°47′25″E
73471	1Ed. 1/24 LAST NM 1A/71		(19(1173)79 Taunton) 40/79
	Substitute	Depth 9 fathoms 5 feet "Rep (1954)" (PA) for 10 fathoms "Rep (1954)" (PA)	3°26.5′S 132°32.8′E
73471	1Ed. 1/24 LAST NM 40/79		(34(403)79 Jakarta) 25/80
		(And Plan)	
	Change	Light to Gp Fl (3) 15sec 112ft 7M	2°59.8′S 132°18.1′E
73471	1Ed. 1/24 LAST NM 25/80		(38(444)79 Jakarta) 26/80
		(And Plan)	
	Delete	Light	2°56.3′S 132°17.4′E
73471	1Ed. 1/24 LAST NM 26/80		(13(161)86 Jakarta) 25/86
		(Plan)	
	Add	Light Fl Y 3s 26ft 5M	2°56.3′S 132°17.6′E
73471	1Ed. 1/24 LAST NM 25/86		(35(2540)86 Taunton) 42/86
	Add	Note	
		"BUOYAGE	
		IALA Buoyage System (Region A) is in effect in the area covered by this chart. See chart No. 1."	3°40′00″S 132°54′00″E
		(Plan Channels near Panjang)	
	Add	Buoy, G, conical, cone topmark, Fl G 3s	2°56′43″S 132°17′26″E
73471	1Ed. 1/24 LAST NM 42/86		(25(203)87 Jakarta) 45/87
		(And Plan)	
	Add	Beacons (minor) R, can topmark	2°56′05″S 132°12′27″E
			2°55′45″S 132°12′54″E
*73481	2Ed. 6/12/76	NEW EDITION	(DMAHC) 32/76
73481	2Ed. 6/12/76 LAST NM 32/76		(Dapac) 50/76
	Add	Danger area bound by shore and line joining	3°40.0′S 133°40.4′E
			3°40.0′S 133°38.0′E
			3°38.0′S 133°38.0′E
			3°38.0′S 133°40.6′E
73481	2Ed. 6/12/76 LAST NM 50/76		(39(476)78 Jakarta) 19/79
	Add	Wreck	4°07.7′S 133°08.1′E
*73481	2Ed. 6/12/76 LAST NM 19/79		(NVS5045/79) 41/79
	Add	Depth 5¾ fathoms	4°04.9′S 133°29.7′E

73481	2Ed. 6/12/76 LAST NM 41/79		(26(1698)83 Taunton) 35/83
	Add	Light Fl(3) 15s 98ft 16M	4°18'47"S 133°37'05"E
73481	2Ed. 6/12/76 LAST NM 35/83		(11(140)86 Jakarta) 18/86
	Add	Light Fl(3) 15s 312ft 14M	3°43.2'S 133°47.8'E
★73552	2Ed. 9/28/85	NEW EDITION	(DMAHTC; 48(670)80, 12(208)84, 30(448)85 Sydney) 1/86
	Delete	Shoal area extending NE for 2 miles from depth 1 meter "Rep (1981)" Note: Depth 1 meter "Rep (1981)" remains (Previously published 41/85)	9°44.4'S 143°24.4'E
	Delete	Drying height 1.2 meters	9°03.2'S 143°11.2'E
		Depth 16.1 meters "Rep (1985)"	9°33.5'S 143°45.8'E
	Add	Depth 16.1 meters "Rep (1985)"	9°30.50'S 143°45.80'E
		Stranded wreck	9°41.50'S 143°26.10'E
73552	2Ed. 9/28/85 LAST NM 1/86		(18(310)86 Sydney) 25/86
	Add	Stranded wreck	9°30.9'S 143°17.6'E
73552	2Ed. 9/28/85 LAST NM 25/86		(14(254)86 Sydney) 30/86
	Change	Characteristic of light to Fl(2) 8s	9°06.2'S 143°16.8'E
73552	2Ed. 9/28/85 LAST NM 30/86		(8(93)87 Sydney) 16/87
	Add	Legend "Rep to lie 0.5 m.le SW (1987)"	9°49.6'S 142°43.0'E
73552	2Ed. 9/28/85 LAST NM 16/87		(42(520)87 Sydney) 52/87
	Add	Bns	9°36.05'S 143°47.40'E
			9°36.58'S 143°47.92'E
73552	2Ed. 9/28/85 LAST NM 52/87		(26(383)88 Sydney) 44/88
	Delete	Depth 71 meters	9°25.7'S 143°54.3'E
	Add	Depth 10.5 meters "Rep (1988)"	9°25.3'S 143°54.7'E
		Legend "Rep (1941)" to depth 7.3 meters	9°20.2'S 143°52.7'E
73552	2Ed. 9/28/85 LAST NM 44/88		(32(477)88 Sydney) 48/88
	Delete	Depth 1 meter "Rep (1981)"	9°44.4'S 143°24.4'E
	Add	Dangerous submerged rock	9°44.5'S 143°25.0'E
73552	2Ed. 9/28/85 LAST NM 48/88		(1(35)89 Sydney) 12/89
	Add	Depth 5.2 meters (SD)	9°24.9'S 143°57.3'E
★73570	6Ed. 12/17/88	NEW EDITION	(DMAHTC) 11/89
★73580	3Ed. 2/5/77	NEW EDITION	(DMAHC) 12/77
73580	3Ed. 2/5/77 LAST NM 12/77		(12(163T)78 Sydney) 23/78
	Add	Dangerous wreck	7°57.5'S 145°46.3'E
73580	3Ed. 2/5/77 LAST NM 23/78		(19(254)78 Sydney) 33/78
	Delete	R Bn (AERO)	9°27.9'S 147°12.4'E
	Add	R Bn (AERO)	9°30.6'S 147°02.5'E
73580	3Ed. 2/5/77 LAST NM 33/78		(2(42)80 Sydney) 32/80
	Add	Bn, black	9°31.7'S 147°08.3'E
73580	3Ed. 2/5/77 LAST NM 32/80		(6(80)80 Sydney) 35/80
	Substitute	Light Qk Fl R 3m 3M for beacon (See 32/80-73580)	9°31.7'S 147°08.3'E
73580	3Ed. 2/5/77 LAST NM 35/80		(NVS6468/81) 34/81
	Add	Racon at light	9°32.5'S 147°07.9'E
73580	3Ed. 2/5/77 LAST NM 34/81		(17(241)81 Sydney) 40/81
	Add	Dangerous wreck (PA)	9°29.5'S 147°08.5'E

73580	3Ed. 2/5/77 LAST NM 40/81 Add	Starboard beacons: G	(7(128)82 Sydney) 43/82 7°57.7′S 145°43.6′E 7°57.9′S 145°43.5′E 7°58.4′S 145°43.4′E
73580	3Ed. 2/5/77 LAST NM 43/82 Change	Light to Fl R 2½s 5m 5M	(17(304)86 Sydney) 26/86 9°31.7′S 147°08.3′E
73580	3Ed. 2/5/77 LAST NM 26/86 Change	Legend to "CONTINUED ON 74285"	(DMAHTC) 2/89 10°06.7′S 145°33.5′E
★73581	3Ed. 4/20/85 Delete	NEW EDITION Note (Changes In Buoyage)	(DMAHTC) 26/85 9°30.5′S 147°19.2′E
73581	3Ed. 4/20/85 LAST NM 26/85 Change	Light to Fl R 2½s 16ft 5M	(17(304)86 Sydney) 26/86 9°31′40″S 147°08′06″E
73581	3Ed. 4/20/85 LAST NM 26/86 Delete	Spoil area centered	(14(170)86 Sydney) 23/87 9°27.9′S 147°07.3′E
		Buoys "1" "2" "3" "4"	9°27.7′S 147°07.1′E 9°27.6′S 147°07.3′E 9°28.2′S 147°07.4′E 9°28.3′S 147°07.2′E
	Add	Quarantine anchorage symbol	9°28′00″S 147°07′17″E
73581	3Ed. 4/20/85 LAST NM 23/87 Delete	Bn	(49(611)87 Sydney) 6/88 9°33.2′S 147°16.2′E
	Add	Buoy, red spherical	9°33′12″S 147°16′10″E
73581	3Ed. 4/20/85 LAST NM 6/88 Add	Legend "SEE CAUTION"	(47(660)88 Sydney) 5/89 9°30.0′S 147°04.7′E 9°34.0′S 147°15.0′E
		Caution note "CAUTION FORMER MINED AREA The approaches to Port Moresby have been swept and are open to surface navigation only. They are not safe for anchoring, trawling, bottoming by submarines or seabed activities."	9°29.0′S 147°19.1′E
★73582	6Ed. 3/29/80 Substitute	NEW EDITION Depth 5½ fathoms for 4¼ fathoms (Previously published 42/79)	(DMAHTC) 21/80 9°28′34.0″S 147°08′16.8″E
73582	6Ed. 3/29/80 LAST NM 21/80 Add	Purple dashed line between	(US CH 73581) 52/80 9°28′27.2″S 147°07′23.0″E 9°28′36.3″S 147°08′07.3″E
73582	6Ed. 3/29/80 LAST NM 52/80 Add	Dangerous wreck (PA)	(17(241)81 Sydney) 40/81 9°29.5′S 147°08.2′E
73582	6Ed. 3/29/80 LAST NM 40/81 Add	Purple dashed lines between	(41(570)81 Sydney) 15/82 9°28′59″S 147°08′44″E 9°31′00″S 147°07′39″E
		oetween	9°28′56″S 147°08′15″E 9°31′00″S 147°07′09″E
		Legend "ANCHORAGE PROHIBITED"	9°30′05″S 147°07′54″E
73582	6Ed. 3/29/80 LAST NM 15/82 Change	Lights to Gp Fl G(2) 8sec 15ft 4M Fl G 2½sec 15ft 4M	(40(660)83 Sydney) 50/83 9°28′36″S 147°08′07″E 9°28′43″S 147°08′07″E
73582	6Ed. 3/29/80 LAST NM 50/83 Delete	Buoys (mooring)	(HNNM7629/85) 51/85 9°28′24″S 147°08′32″E 9°28′27″S 147°08′30″E
		Legend "Aircraft Moorings"	9°28′26″S 147°08′29″E
73582	6Ed. 3/29/80 LAST NM 51/85 Delete	Spoil area centered	(14(170)87 Sydney) 23/87 9°27.9′S 147°07.3′E

(continued on next page)

73582	(Continued)		23/87
	Delete	Buoys "1"	9°27.7'S 147°07.2'E
		"2"	9°27.6'S 147°07.3'E
		"3"	9°28.1'S 147°07.5'E
		"4"	9°28.3'S 147°07.2'E
	Add	Quarantine anchorage symbol	9°28'01"S 147°07'18"E
★73590	5Ed. 10/29/88	NEW EDITION	(DMAHTC) 7/89
★73601	2Ed. 5/17/80	NEW EDITION	(DMAHTC) 30/80
73601	2Ed. 5/17/80 LAST	NM 30/80	(37(533)80 Sydney) 43/80
	Change	Visibility (range) of light to 5M	10°13.5'S 150°52.9'E
73601	2Ed. 5/17/80 LAST	NM 43/80	(16(225)81 Sydney; DMAHTC) 33/81
	Add	Light Fl(2) 10s 26ft 8M	10°14.5'S 150°59.4'E
		Starboard light: Fl G 5s 5M	10°14.8'S 150°56.4'E
		Port light: Fl R 3s 5M	10°15.0'S 150°56.4'E
		Note: CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart are affected by the conversion to IALA Maritime Buoyage System in Region A- The Combined Cardinal and Lateral System (red to port). See Chart No. 1.	11°32.5'S 150°08.0'E
73601	2Ed. 5/17/80 LAST	NM 33/81	(30(407)82 Sydney) 40/82
	Add	Obscured sector 032°-159°30' to light	10°47.3'S 152°00.4'E
73601	2Ed. 5/17/80 LAST	NM 40/82	(43(609)82 Sydney) 20/83
	Add	Depth 13 fathoms "Rep (1982)"	10°48.9'S 150°19.1'E
73601	2Ed. 5/17/80 LAST	NM 20/83	(3(63)83 Sydney) 24/83
	Add	Pilot station symbol	10°19.0'S 150°26.8'E
73601	2Ed. 5/17/80 LAST	NM 24/83	(34(462)82 Sydney) 25/83
	Change	Light to Fl(2) 4s 9M	10°36.4'S 150°39.6'E
73601	2Ed. 5/17/80 LAST	NM 25/83	(12(223), 13(239)83 Sydney) 33/83
	Change	Light to Fl(2) 8s 22ft 8M	10°36.2'S 150°36.4'E
		Period of light to 10s	11°15.5'S 152°08.2'E
73601	2Ed. 5/17/80 LAST	NM 33/83	(43(725)83 Sydney) 52/83
	Add	Depth 6 fathoms 5 feet	10°44.0'S 150°03.5'E
73601	2Ed. 5/17/80 LAST	NM 52/83	(49(818)83 Sydney) 4/84
	Substitute	Depth 773 fathoms for 173 fathoms	10°15.0'S 152°03.8'E
73601	2Ed. 5/17/80 LAST	NM 4/84	(43(726)83 Sydney) 11/84
	Add	Chartlet, depicting changes in hydrography and topography, from back of Section I	11°11'S 152°06'E
73601	2Ed. 5/17/80 LAST	NM 11/84	(12(212)84 Sydney; BA CH 209) 22/84
	Substitute	Depth 60 fathoms for 64 fathoms	11°00.3'S 150°30.0'E
	Change	Characteristic of light to Fl 5s	10°13.3'S 151°52.1'E
★73601	2Ed. 5/17/80 LAST	NM 22/84	(DMAHTC) 27/84
	Change	DMA Stock No. to 73ACO73601 in lower right margin of chart Note: Applicable to certain copies of this chart only	
73601	2Ed. 5/17/80 LAST	NM 27/84	(41(727, 729)84 Sydney) 52/84
	Delete	Depth 15 fathoms "Rep (1974)"	10°32.4'S 151°03.3'E
	Change	Characteristic of light to Fl(3) 9s (See 22/84-73601)	10°13.3'S 151°52.1'E
	Add	Depth 12 fathoms	10°32.3'S 151°03.0'E
		16 fathoms	10°44.4'S 150°57.2'E
73601	2Ed. 5/17/80 LAST	NM 52/84	(9(133)85 Sydney) 18/85
	Change	Light to Q R 2M	10°18.5'S 150°26.9'E

73601	2Ed. 5/17/80 LAST NM 18/85		(17(262)85 Sydney) 29/85
	Change	Lights to Fl G 2s 14ft 5M	10°14.8′S 150°56.4′E
		Fl R 2s 14ft 5M	10°15.0′S 150°56.4′E
73601	2Ed. 5/17/80 LAST NM 29/85		(35(505)86 Sydney) 45/86
	Add	Legend	
		"Unsurveyed SEE CAUTION"	10°33.3′S 149°42.9′E
73601	2Ed. 5/17/80 LAST NM 45/86		(14(171)87 Sydney) 23/87
	Delete	Stranded wreck	11°14.1′S 152°04.8′E
		(See 11/84-73601)	
73601	2Ed. 5/17/80 LAST NM 23/87		(17(217)87 Sydney) 29/87
	Add	Legends "Sunken Reefs and Shoal	
		Water Rep (1987)"	10°23.5′S 151°30.0′E
			10°28.0′S 151°34.3′E
			10°43.0′S 151°28.5′E
73601	2Ed. 5/17/80 LAST NM 29/87		(47(699)85 Sydney) 36/87
	Add	Depth 9 fathoms 4 feet "Rep (1985)"	10°44.2′S 150°58.3′E
73601	2Ed. 5/17/80 LAST NM 36/87		(25(303)87 Sydney) 40/87
	Add	Legends "Unsurveyed SEE CAUTION"	10°53′S 150°25′E
			10°58′S 150°41′E
			11°04′S 150°55′E
			10°49′S 150°48′E
73601	2Ed. 5/17/80 LAST NM 40/87		(32(384)87 Sydney) 44/87
	Add	Depth 6 fathoms "Rep (1987)"	11°15.07′S 152°22.75′E
73601	2Ed. 5/17/80 LAST NM 44/87		(46(578)87 Sydney) 1/88
	Change	Height of light to 46ft	10°32.0′S 151°12.7′E
73601	2Ed. 5/17/80 LAST NM 1/88		(BA LL) 5/89
	Change	Visibility (range) of light to 9M	10°13.6′S 150°52.9′E
73601	2Ed. 5/17/80 LAST NM 5/89		(1(36)89 Sydney) 12/89
	Add	Depths 12 fathoms	10°37.8′S 150°36.7′E
		12 fathoms	10°33.6′S 150°42.0′E
73610	3Ed. 5/13/74 LAST NM 25/74		(29(290)77 Sydney) 39/77
	Add	Legend "Reef reported to lie	
		0.3 mile E (1977)"	11°13′30″S 152°05′00″E
73610	3Ed. 5/13/74 LAST NM 39/77		(27(370)78 Sydney) 45/78
	Add	Stranded wreck	11°14′05″S 152°04′30″E
73610	3Ed. 5/13/74 LAST NM 45/78		(20(242)79 Sydney) 51/79
	Substitute	Stranded wreck for boulder (20) (ED)	11°28.0′S 154°21.6′E
73610	3Ed. 5/13/74 LAST NM 51/79		(49(667)81 Sydney; Aus CH 382) 11/82
	Change	Legend "Loa Boloba I" to "Adele I"	11°26.8′S 154°25.5′E
	Add	Light Fl 10sec 118ft 18M	11°26.8′S 154°24.1′E
73610	3Ed. 5/13/74 LAST NM 11/82		(30(407)82 Sydney) 40/82
	Add	Obscured sector 032°-159°30′ to light	10°47.3′S 152°00.4′E
73610	3Ed. 5/13/74 LAST NM 40/82		(13(239)83 Sydney) 33/83
	Change	Period of light to 10sec	11°15.6′S 152°08.2′E
73610	3Ed. 5/13/74 LAST NM 33/83		(44(756)84 Sydney) 51/84
	Delete	Bns	10°41.5′S 152°50.9′E
	Add	Light Fl 5s 13ft 6M	10°41.5′S 152°50.9′E
73610	3Ed. 5/13/74 LAST NM 51/84		(14(171)87 Sydney) 23/87
	Delete	Stranded wreck	11°14.1′S 152°04.5′E
73610	3Ed. 5/13/74 LAST NM 23/87		(32(384)87 Sydney) 44/87
	Add	Depth 6 fathoms "Rep (1987)"	11°15.07′S 152°22.75′E
73610	3Ed. 5/13/74 LAST NM 44/87		(48(681)88 Sydney) 10/89
	Change	Visibility (range) of light to 11M	11°26.8′S 154°24.1′E
★73620	1Ed. 3/22/80	NEW CHART	(DMAHTC) 20/80

73620	1Ed. 3/22/80 LAST NM 20/80		(49(818)83 Sydney) 4/84
	Substitute	Depth 773 fathoms for 173 fathoms	10°15.0'S 152°04.0'E
73620	1Ed. 3/22/80 LAST NM 4/84		(3(72)89 Sydney) 16/89
	Add	Legends	
		"Rep to lie 2 miles W (1989)"	9°01'S 152°23'E
		"Rep to lie 1.9 miles SW (1989)"	9°02'S 152°56'E
★73631	3Ed. 9/15/84	NEW EDITION	(DMAHTC) 46/84
73631	3Ed. 9/15/84 LAST NM 46/84		(31(368)87 Sydney) 44/87
	Relocate	Light close W to	8°23.8'S 151°07.2'E
		Note: Obscured sector unchanged	
73631	3Ed. 9/15/84 LAST NM 44/87		(12(184)88 Sydney) 25/88
	Add	Depth 18 fathoms	8°58.5'S 149°09.0'E
73631	3Ed. 9/15/84 LAST NM 25/88		(27(400)88 Sydney) 42/88
	Add	Depth 1 fathom 5 feet	9°05.4'S 149°19.4'E
73631	3Ed. 9/15/84 LAST NM 42/88		(26(384), 28(418)88 Sydney) 44/88
	Change	Height of lights to 23ft	9°07.9'S 149°23.0'E
		36ft	9°10.9'S 149°26.5'E
		52ft	9°12.1'S 149°26.2'E
		Visibility (range) of light to 12M	9°05.4'S 149°18.7'E
	Add	Depth 6 fathoms 5 feet "Rep (1988)"	9°49.4'S 151°33.4'E
73631	3Ed. 9/15/84 LAST NM 44/88		(1(37, 38)89 Sydney) 12/89
	Delete	Depths 18 fathoms	9°04.4'S 149°20.4'E
		19 fathoms	9°01.2'S 149°19.8'E
		6 fathoms 5 feet "Rep (1988)"	9°49.4'S 151°33.4'E
		(See 44/88-73631)	
	Add	Depths 17 fathoms	9°04.2'S 149°21.1'E
		17 fathoms	9°00.9'S 149°19.8'E
★73640	4Ed. 9/7/85	NEW EDITION	(DMAHTC; HNNM7377/85) 50/85
	Add	Note	
		"NOTE	
		Differences in latitude and longitude exist between this chart and the plan of LAE: therefore, the transfer of positions from the chart to the plan should be done by bearings and distances from common features."	7°46.5'S 146°50.0'E
		(Previously published 48/85)	
	Delete	Bns	6°47.5'S 146°56.8'E
			6°48.4'S 146°56.6'E
		R Bn (AERO)	8°44.3'S 148°15.7'E
	Relocate	Pilot station symbol close S to	6°44.8'S 147°00.6'E
	Change	Note in right lower margin of chart to "Reproduced from Australian Chart 385, Feb 17, 1975 Edition by permission. Australian copyright law applies."	
	Add	Beacon (minor) "No 1", G, cone topmark	9°10.7'S 149°19.1'E
		(Plan LAE)	
		Double solid line with land tint (pier extension) 20 meters wide on centerline between	6°44.06'S 146°59.01'E
			6°44.11'S 146°59.10'E
		Buoy, G, can	6°44.19'S 147°00.10'E
★73640	4Ed. 9/7/85 LAST NM 50/85		(HNNM7682/86) 7/86
	Add	Depths 154 fathoms (PA)	6°47.0'S 148°00.3'E
		244 fathoms (PA)	6°49.5'S 147°25.0'E
		359 fathoms (PA)	6°48.7'S 147°18.5'E
		343 fathoms (PA)	6°48.4'S 147°15.6'E

73640	4Ed. 9/7/85 LAST NM 7/86		
		(And Plan)	
	Add	Light L Fl 5s 327ft 16M	(11(99)86 Sydney) 18/86
			6°43.65′S 147°00.60′E
73640	4Ed. 9/7/85 LAST NM 18/86		
	Add	Legend "Rep to lie 0.6 mile E (1986)" to shoals	(34(512)86 Sydney) 41/86
			8°13.0′S 148°17.0′E
			8°14.0′S 148°16.0′E
73640	4Ed. 9/7/85 LAST NM 41/86		(11(128)87 Sydney) 18/87
	Change	Visibility (range) of light to 12M	6°39.8′S 147°51.7′E
73640	4Ed. 9/7/85 LAST NM 18/87		(6(104)88 Sydney) 18/88
	Add	Depth 18 fathoms	8°58.5′S 149°09.0′E
73640	4Ed. 9/7/85 LAST NM 18/88		(27(400)88 Sydney) 42/88
	Add	Depth 1 fathom 5 feet	9°05.4′S 149°19.4′E
73640	4Ed. 9/7/85 LAST NM 42/88		(28(418)88 Sydney) 44/38
	Change	Height of lights to 23ft	9°08.0′S 149°23.0′E
		36ft	9°10.9′S 149°28.1′E
		52ft	9°12.1′S 149°26.4′E
		Visibility (range) of light to 12M	9°05.5′S 149°18.8′E
73640	4Ed. 9/7/85 LAST NM 44/88		(47(661)88 Sydney) 5/89
	Substitute	Depth 21 fathoms Wk for wreck	8°56.6′S 148°55.7′E
73640	4Ed. 9/7/85 LAST NM 5/89		(1(38, 39)89 Sydney) 12/89
	Delete	Depths 18 fathoms	9°04.4′S 149°20.4′E
		19 fathoms	9°01.2′S 149°19.9′E
		18 fathoms	8°58.2′S 149°04.7′E
		9 fathoms	8°52.8′S 148°52.6′E
	Add	Depths 17 fathoms	9°04.2′S 149°21.1′E
		17 fathoms	9°00.9′S 149°19.8′E
		12 fathoms	8°58.4′S 149°06.2′E
		14 fathoms	8°58.5′S 149°05.1′E
		8 fathoms 5 feet	8°52.5′S 148°52.7′E
		11 fathoms	8°51.6′S 148°51.0′E
		13 fathoms	8°11.5′S 148°14.6′E
		13 fathoms	8°08.8′S 148°12.6′E
		17 fathoms	8°04.5′S 148°10.8′E
★73650	4Ed. 8/28/82	NEW EDITION	(DMAHTC) 45/82
73650	4Ed. 8/28/82 LAST NM 45/82		(4(98)83 Sydney) 16/83
	Add	Danger circles "Obstr"	5°22.0′S 148°30.5′E
			5°21.5′S 148°31.4′E
			5°20.9′S 148°32.5′E
73650	4Ed. 8/28/82 LAST NM 16/83		(40(716)84 Sydney) 51/84
	Add	Depths 501 meters "(Rep 1984)"	5°56.3′S 147°32.0′E
		549 meters "(Rep 1984)"	5°41.7′S 147°38.4′E
73650	4Ed. 8/28/82 LAST NM 51/84		(BA LL) 17/87
	Change	Characteristic of light to Fl(3) 12s	5°55.2′S 147°20.3′E
73650	4Ed. 8/28/82 LAST NM 17/87		(11(128)87 Sydney) 18/87
	Change	Vizibility (range) of light to 12M	6°39.6′S 147°51.9′E
★73653	1Ed. 1/7/78	NEW CHART	(DMAHC) 9/78
73653	1Ed. 1/7/78 LAST NM 9/78		(35(505)80 Sydney) 42/80
	Change	Light to Fl 15sec 92ft 26M Sig Sta	5°12.78′S 145°50.23′E
73653	1Ed. 1/7/78 LAST NM 42/80		(38(510)82 Sydney) 18/83
	Add	Range lights,	5°12′14.2″S 145°50′12.8″E
		front Fl 2½sec 9ft 7M	
		rear Fl 2½sec 18ft 7M,	
		30 meters 073°30′ from front	
		Range line extending in 253°30′ direction from above rear light dashed for 760 meters, thence solid for 940 meters	
		Legend "Lights in line 073°30′" along above range line	5°12′25.0″S 145°49′37.5″E

73653	1Ed. 1/7/78 LAST NM 18/83		
	Add	Pilot station symbol	(BA CH 2054) 50/85 5°12'35"S 145°51'11"E
73653	1Ed. 1/7/78 LAST NM 50/85		
	Add	Dashed lines between	(BA CH 2054) 52/85 5°09.44'S 145°49.42'E 5°09.43'S 145°49.60'E
		joining	5°09.40'S 145°49.72'E 5°09.24'S 145°51.05'E
			5°09.30'S 145°51.24'E 5°10.06'S 145°51.72'E
		between	5°10.38'S 145°51.68'E 5°10.45'S 145°51.29'E
		between	5°10.89'S 145°51.01'E 5°11.31'S 145°50.91'E
		joining	5°11.86'S 145°50.94'E 5°11.86'S 145°51.53'E
			5°13.15'S 145°51.53'E 5°13.15'S 145°50.29'E
		Legend "Port Limits"	5°13.11'S 145°50.71'E 5°09.37'S 145°50.42'E
		Quarantine anchorage symbol	5°12.22'S 145°49.88'E
★**73701**	4Ed. 12/1/84	NEW EDITION	(DMAHTC: 9(550)82 Taunton) 22/85
	Delete	Note (Buoyage) in upper left margin of chart	
		(Plan F)	
	Change	Note to "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area to this plan are affected by the conversion to IALA Maritime Buoyage System in Region A-The Combined Cardinal and Lateral System (red to port). See Chart No. 1."	2°39'25"S 140°45'05"E
73701	4Ed. 12/1/84 LAST NM 22/85		
		(Plan F)	(24(260)85 Jakarta) 44/85
	Add	Buoy, red, Fl R 5s	2°33'28"S 140°45'34"E
73701	4Ed. 12/1/84 LAST NM 44/85		
		(Plan F)	(Indo CH 236) 11/86
	Delete	Swept depth 3 fathoms	2°33'24"S 140°45'05"E
		Depth 8¾ fathoms	2°33'22"S 140°45'01"E
	Relocate	Light close E to	2°31'57.0"S 140°44'46.5"E
	Add	Depth 5½ fathoms	2°32'17.5"S 140°44'59.0"E
		Rock awash	2°33'23.5"S 140°45'04.0"E
73701	4Ed. 12/1/84 LAST NM 11/86		
		(Plans F & G)	(10(130)86 Jakarta) 18/86
	Change	Light to Q 56ft 6M	2°32'27"S 140°42'31"E
73701	4Ed. 12/1/84 LAST NM 18/86		
		(Plan E)	(BA LL) 25/86
	Change	Light to Fl 5s 102ft 12M (PA)	1°27.7'S 137°53.7'E
73701	4Ed. 12/1/84 LAST NM 25/86		
		(Plans F& G)	(31(2268)86 Taunton) 37/86
	Add	Starboard buoy: G, conical, Fl 5s	2°32'18.4"S 140°42'46.1"E
73701	4Ed. 12/1/84 LAST NM 37/86		
		(Plan F)	(28(346)86 Jakarta) 38/86
	Change	Visibility (range) of light to 22M (See 11/86-73701)	2°31'57"S 140°44'46.5"E
73701	4Ed. 12/1/84 LAST NM 38/86		
		(Plans F & G)	(36(429)86 Jakarta) 47/86
	Change	Characteristic of buoy to Fl G 5s (See 37/86-73701)	2°32'18"S 140°42'46"E
★**73760**	6Ed. 4/17/82	NEW EDITION	(DMAHTC) 26/82

73760	6Ed. 4/17/82 LAST NM 26/82 Add	Light Fl(4) 25s 282ft 22M	(12(750)82 Taunton) 36/82 0°50'17"S 131°12'32"E
73760	6Ed. 4/17/82 LAST NM 36/82 Delete	Light	(18(1069)82 Taunton) 41/82 0°49.3'S 131°13.4'E
73760	6Ed. 4/17/82 LAST NM 41/82 Change	Light to Fl(2) 10s 6M	(25(1499)82 Taunton) 42/82 1°14.2'S 131°05.6'E
73760	6Ed. 4/17/82 LAST NM 42/82 Add	Dangerous wreck	(26(213)82 Jakarta) 49/82 0°52.8'S 131°14.6'E
73760	6Ed. 4/17/82 LAST NM 49/82 Change	Light to Fl R 6M	(12(98)83 Jakarta) 29/83 1°10.3'S 131°06.6'E
		Buoys to green, cone topmark, Fl G 3s red, can topmark, Fl R 4s green, cone topmark, Fl G 5s	1°02.3'S 131°11.1'E 1°05.5'S 131°09.6'E 1°00.4'S 131°11.1'E
73760	6Ed. 4/17/82 LAST NM 29/83 Change	Buoy to green, cone topmark, Fl G 5s (See 29/83-73760)	(12(98)83 Jakarta) 31/83 1°00.4'S 131°11.1'E
73760	6Ed. 4/17/82 LAST NM 31/83 Add	Light Fl(2) 10s 23ft 5M (PA)	(27(1762)83 Taunton) 36/83 0°53.6'S 131°15.4'E
73760	6Ed. 4/17/82 LAST NM 36/83 Add	Buoy, red conical, cone topmark, Fl 10s	(49(3252)84 Taunton) 4/85 0°52.00'S 131°13.70'E
73760	6Ed. 4/17/82 LAST NM 4/85 Change	Buoy to red and white conical, ball topmark, Fl 10s (Supersedes 4/85-73760)	(2(16)85 Jakarta) 15/85 0°52.00'S 131°13.70'E
73760	6Ed. 4/17/82 LAST NM 15/85 Change	Lights to Iso 4s 196ft 8M Iso 4s 79ft 6M Fl 3s 33ft 6M Fl G 5s 46ft 6M Fl R 5s 23ft 6M	(12(150-152), 13(164, 165)86 Jakarta) 25/86 0°53.3'S 131°16.3'E 0°52.8'S 131°15.4'E 0°53.1'S 131°15.3'E 1°14.2'S 131°05.6'E 1°16.9'S 131°00.0'E
73760	6Ed. 4/17/82 LAST NM 25/86 Change	Light to Fl R 2s 33ft 5M	(BA LL) 28/86 0°52.8'S 131°14.1'E
73760	6Ed. 4/17/82 LAST NM 28/86 Change	Light to Fl R 5s 39ft 5M	(BA LL) 29/86 1°24.5'S 130°54.7'E
73760	6Ed. 4/17/82 LAST NM 29/86 Add	Wreck	(27(333)86 Jakarta) 37/86 0°09.5'S 129°57.5'E
73760	6Ed. 4/17/82 LAST NM 37/86 Add	Light Fl G 2s 7m 5M	(49(565)86 Jakarta) 10/87 0°53.1'S 131°13.8'E
73760	6Ed. 4/17/82 LAST NM 10/87 Add	Depths 8¼ fathoms "Rep (1987)" 8 fathoms	(48(3662)87, 3(259)88 Taunton) 13/88 1°07.0'S 131°06.9'E 1°13.9'S 131°04.0'E
73760	6Ed. 4/17/82 LAST NM 13/88 Add	R Bn	(47(383)88 Jakarta) 10/89 0°50.3'S 131°12.7'E

5Ed. 3/8/86	NEW EDITION	(DMAHTC; 21(291)81, 43(609)86 Sydney) 52/86
Relocate	R Bn (AERO) close SW to	30°18′50″S 153°07′00″E
Change	Characteristic of lights to Iso R 2s Al Fl WG 7½s	30°18.2′S 153°08.8′E 30°18.3′S 153°07.2′E
5Ed. 3/8/86 LAST NM 52/86		
Change	Legend "North Hd" to "Ballina Hd"	(47(647)86 Sydney) 5/87 28°51.2′S 153°38.8′E
5Ed. 3/8/86 LAST NM 5/87		
Relocate	Light (AERO) close SW to	(50(684)86 Sydney) 11/87 30°19.0′S 153°06.1′E
5Ed. 3/8/86 LAST NM 11/87		
Change	Light to Fl 15s 27M, FR 8M	(8(92)87 Sydney) 16/87 28°38.0′S 153°38.3′E
4Ed. 4/21/84	NEW EDITION	(DMAHTC) 27/84
Change	Note to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	
		27°54′S 152°24′E
4Ed. 4/21/84 LAST NM 27/84		
Delete	Depth 195 fathoms "Rep (1980)"	(40(613)84 Sydney) 51/84 24°27.2′S 155°17.0′E
Add	Depth 188 fathoms "Rep (1984)"	24°26.0′S 155°16.3′E
4Ed. 4/21/84 LAST NM 51/84		
Add	Dangerous wreck	(33(488)85 Sydney) 41/85 26°58.4′S 153°29.5′E
4Ed. 4/21/84 LAST NM 41/85		
Change	Light to Fl 15s 371ft 25M, FR 350ft 8M	(40(603)85 Sydney) 2/86 28°37.7′S 153°38.2′E
4Ed. 4/21/84 LAST NM 2/86		
Change	Light to Fl 15s 387ft 27M, FR 350ft 5M	(51(745)85 Sydney) 8/86 28°37.8′S 153°38.2′E
4Ed. 4/21/84 LAST NM 8/86		
Add	Red sector 148°-189° to light	(4(745/85)86 Sydney) 15/86 28°37.8′S 153°38.2′E
4Ed. 4/21/84 LAST NM 15/86		
Change	Visibility (range) of light to 24M	(20(340)86 Sydney) 28/86 27°02.2′S 153°28.0′E
4Ed. 4/21/84 LAST NM 28/86		
Add	Light Fl 3s 231ft 18M Sig Sta	(30(468)86 Sydney) 37/86 25°17.9′S 152°58.4′E
4Ed. 4/21/84 LAST NM 37/86		
Change	Visibility (range) of lightfloat to 9M	(36(528)86 Sydney) 43/86 24°20.1′S 153°08.8′E
4Ed. 4/21/84 LAST NM 43/86		
Change	Light to Fl 15s 387ft 27M, FR 350ft 8M	(8(92)87 Sydney) 16/87 28°37.5′S 153°38.3′E
4Ed. 4/21/84 LAST NM 16/87		
Delete	Light	(37(453)87 Sydney) 49/87 25°17.9′S 152°58.4′E
4Ed. 4/21/84 LAST NM 49/87		
Change	Light to Fl(3) 15s 256ft 10M	(28(416)88 Sydney) 44/88 27°26′S 153°33′E
4Ed. 4/21/84 LAST NM 44/88		
Substitute	Depth 384 fathoms for 412 fathoms	(45(630)88 Sydney) 5/89 26°02.0′S 154°53.9′E
4Ed. 4/21/84 LAST NM 5/89		
Change	Light to Fl 7½s 16M	(3(71)89 Sydney) 16/89 24°07.0′S 152°42.6′E
4Ed. 8/30/86	NEW EDITION	(DMAHTC; Aus CH 410: 11(137)86 Jakarta) 46/86
Relocate	Light close E to	8°28.4′S 140°19.1′E
Add	Stranded wreck	16°16.7′S 139°16.2′E
4Ed. 8/30/86 LAST NM 46/86		
Change	Light to Fl 5s 154ft 16M and add Racon	(46(643)86 Sydney) 4/87 12°34′S 141°36′E

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74008	4Ed. 8/30/86 LAST NM 4/87		
	Add	Dangerous wreck (PA)	(5(59)87 Sydney) 14/87 15°38'S 141°23'E
74008	4Ed. 8/30/86 LAST NM 14/87		
	Add	Wreck	(7(80)87 Sydney) 15/87 14°00.6'S 140°00.2'E
74008	4Ed. 8/30/86 LAST NM 15/87		
	Add	Depth 2 fathoms 1 foot	(8(94)87 Sydney) 16/87 9°41.0'S 140°58.8'E
74008	4Ed. 8/30/86 LAST NM 16/87		
	Add	Depth 3 fathoms 4 feet	(8(636)87 Taunton; Aus CH 410) 18/87 8°52.0'S 139°37.5'E
		Racon to light	11°00.0'S 136°45.5'E
		Lights Fl(2) 10s 46ft 11M	11°33.0'S 136°07.0'E
		Fl(3) 15s 33ft 10M	11°49.0'S 136°01.8'E
		Depth 5 fathoms 4 feet	13°16.5'S 141°16.0'E
74008	4Ed. 8/30/86 LAST NM 18/87		
	Add	Drying height 8 feet "Rep (1987)", enclosed by danger circle, radius 1 mile, centered	(18(228)87 Sydney) 29/87 16°46.0'S 140°50.5'E
74008	4Ed. 8/30/86 LAST NM 29/87		
	Change	Visibility (range) of lightfloat to 9M	(28(337)87 Sydney) 42/87 10°44'S 141°03'E
74008	4Ed. 8/30/86 LAST NM 42/87		
	Add	Wreck	(47(590)87 Sydney) 6/88 15°24.6'S 137°37.2'E
74008	4Ed. 8/30/86 LAST NM 6/88		
	Add	Depth 5 fathoms 3 feet "Rep (1988)"	(8(127)88 Sydney) 24/88 15°34.4'S 137°22.2'E
74008	4Ed. 8/30/86 LAST NM 24/88		
	Delete	Dangerous submerged rock (PA)	(12(185)88 Sydney) 25/88 14°47'S 135°52'E
		Depths 8 fathoms 3 feet "Unexamd"	15°13'S 137°29'E
		1 fathom 4 feet "Rep (1982)"	15°44'S 137°16'E
		14 fathoms	15°53'S 138°02'E
		12 fathoms	15°54'S 137°54'E
	Substitute	Depth 5 fathoms 3 feet (SD) for 6 fathoms "(unexamined)"	15°52.6'S 137°55.5'E
		Depth 4 fathoms 1 foot (SD) for 5 fathoms 3 feet "Rep (1988)" (Supersedes 24/88-74008)	15°34.4'S 137°22.2'E
	Add	Depths 7 fathoms 5 feet (SD)	15°08.1'S 137°17.9'E
		8 fathoms 3 feet (SD)	15°14.2'S 137°28.2'E
		6 fathoms 5 feet (SD)	15°15.8'S 137°14.4'E
		1 fathom 1 foot (SD)	15°43.8'S 137°15.8'E
		8 fathoms 4 feet (SD)	15°38.9'S 137°49.3'E
		7 fathoms 5 feet (SD)	15°41.5'S 137°46.2'E
		5 fathoms 3 feet (SD)	15°47.1'S 137°41.4'E
		6 fathoms 2 feet (SD)	15°47.4'S 137°51.0'E
		6 fathoms 3 feet (SD)	15°49.6'S 137°58.9'E
		6 fathoms 3 feet (SD)	15°54.8'S 138°03.7'E
74008	4Ed. 8/30/86 LAST NM 25/88		
	Add	Depths 6 fathoms 4 feet (SD)	(13(198, 199)88 Sydney) 29/88 14°23.1'S 136°34.6'E
		5 fathoms (SD)	14°12.0'S 141°20.5'E
74008	4Ed. 8/30/86 LAST NM 29/88		
	Delete	Depths 22 fathoms	(29(431, 432)88 Sydney) 44/88 15°29'S 137°38'E
		11 fathoms	16°01'S 137°59'E
		14 fathoms	16°02'S 138°10'E
		6 fathoms 5 feet	16°17'S 139°26'E
	Add	Depths 7 fathoms 3 feet (SD)	15°29.4'S 137°37.4'E
		6 fathoms 2 feet (SD)	16°00.3'S 137°57.9'E
		6 fathoms (SD)	16°00.0'S 138°10.2'E
		8 fathoms 3 feet (SD)	16°04.1'S 138°54.4'E
		8 fathoms 5 feet (SD)	16°58.9'S 139°06.3'E
		6 fathoms 4 feet (SD)	16°11.8'S 139°24.0'E
		6 fathoms 4 feet (SD)	16°14.4'S 139°26.7'E
		5 fathoms 2 feet (SD)	16°17.2'S 139°25.7'E
		1 fathom (SD)	16°33.8'S 139°48.8'E
		Legend "(ED)"	16°15.0'S 139°52.0'E

74008	4Ed. 8/30/86 LAST NM 44/88		(29(431)88 Sydney) 48/88
	Delete	Depth 8 fathoms 5 feet (SD) (See 44/88-74008)	16°58.9′S 139°06.3′E
	Add	Depth 8 fathoms 5 feet (SD)	15°58.9′S 139°06.3′E
74008	4Ed. 8/30/86 LAST NM 48/88		(42(585)88 Sydney) 5/89
	Delete	Depth 3 fathoms	11°27.6′S 136°11.0′E
	Add	Dangerous submerged rock "Rep (1988)"	11°28.3′S 136°11.0′E
74008	4Ed. 8/30/86 LAST NM 5/89		(5(106)89 Sydney) 16/89
	Delete	Depth 4 fathoms 3 feet	13°48′S 136°24′E
	Substitute	Depth 4 fathoms 3 feet for 4 fathoms 4 feet	13°53.0′S 136°24.0′E
	Add	Depths 4 fathoms 1 foot	13°47.4′S 136°24.5′E
		6 fathoms (PA)	13°55.0′S 136°15.8′E
74008	4Ed. 8/30/86 LAST NM 16/89		(8(149)89 Sydney) 22/89
	Change	Legend "(PA)" to "(PD)"	9°52′S 136°16′E
	Add	Legend "(PD)" to depth 5 fathoms "Rep (1949)"	9°57′S 136°00′E

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★74009	9Ed. 12/22/84	NEW EDITION	(DMAHTC; 41(723), 51(865)84 Sydney) 9/85
	Change	Legend to "Reported to lie 2 miles NE (1984)" (Previously published 6/85)	11°47.0′S 135°26.0′E
	Add	Legend "Reported to lie about 1¼ miles ENE (1984)" to island	11°43.0′S 135°08.0′E
		Legend "Reported to lie about 1 mile N (1984)" to island (Previously published 6/85)	11°57.0′S 135°05.0′E
	Add	Light Fl(3) 15s 33ft 10M Depth 8 fathoms 1 foot "Rep (1984)"	11°48.8′S 136°01.5′E 12°19.9′S 130°19.8′E
74009	9Ed. 12/22/84 LAST NM 9/85		(51(460)84 Jakarta) 10/85
	Add	Light Fl 3s 12M	8°03.1′S 131°16.3′E
74009	9Ed. 12/22/84 LAST NM 10/85		(19(296)85 Sydney) 30/85
	Add	Solid line with legend "Recommended Track 117°-297°" between	10°49.5′S 136°41.5′E 8°57.9′S 133°03.1′E
74009	9Ed. 12/22/84 LAST NM 30/85		(26(391)85 Sydney) 32/85
	Add	Depth 1 fathom 4 feet "Rep (1985)"	11°49.5′S 136°25.0′E
74009	9Ed. 12/22/84 LAST NM 32/85		(43(640)85 Sydney) 52/85
	Substitute	Depth 5 fathoms 2 feet for 53 fathoms	9°58.75′S 129°13.68′E
	Add	Depths 15 fathoms	10°36.18′S 129°28.30′E
		16 fathoms	10°39.45′S 129°30.50′E
74009	9Ed. 12/22/84 LAST NM 52/85		(50(738)85 Sydney) 9/86
	Add	Depths 9 fathoms "Rep (1985)"	11°28.3′S 136°23.5′E
		13 fathoms "Rep (1985)"	11°35.2′S 136°26.3′E
74009	9Ed. 12/22/84 LAST NM 9/86		(49(718)85 Sydney) 11/86
	Delete	Depth 59 fathoms	9°51.0′S 129°07.0′E
	Add	Depth 10 fathoms "Rep (1985)"	9°52.0′S 129°06.5′E
74009	9Ed. 12/22/84 LAST NM 11/86		(20(344)86 Sydney) 27/86
	Delete	Depths 2 fathoms 4 feet	13°24.8′S 129°52.7′E
		1 fathom 5 feet	13°39.0′S 129°42.0′E
		Dangerous submerged rock	13°50.0′S 129°37.2′E
	Add	Depths 2 fathoms	13°24.5′S 129°53.5′E
		1 fathom	13°39.0′S 129°43.0′E
		1 fathom 1 foot	13°49.0′S 129°36.5′E

74009	9Ed. 12/22/84 LAST NM 27/86		(2(46)86 Sydney) 33/86
	Add	Depth 6 fathoms "Rep (1985)"	11°27.5'S 133°42.1'E
74009	9Ed. 12/22/84 LAST NM 33/86		(25(313)86 Jakarta) 36/86
	Change	Light to Fl(3) 29s 82ft 27M	8°20.0'S 128°29.0'E
74009	9Ed. 12/22/84 LAST NM 36/86		(40(582)86 Sydney) 51/86
	Change	Light to Fl(3) WR 15s 56ft 12/9M	12°03'S 131°18'E
74009	9Ed. 12/22/84 LAST NM 51/86		(Indo CH 151) 52/86
	Add	Danger circle "Obstr rep (1958)"	10°26'S 129°00'E
		Depth 31 fathoms	9°44'S 134°32'E
74009	9Ed. 12/22/84 LAST NM 52/86		(10(115)87 Sydney) 17/87
	Add	Depth 2 fathoms (SD)	10°19.2'S 132°42.1'E
74009	9Ed. 12/22/84 LAST NM 17/87		(Aus CH 410) 18/87
	Add	R Bn (AERO)	12°15.5'S 136°49.5'E
		Depths 10 fathoms	13°32.0'S 136°25.8'E
		10 fathoms	11°24.0'S 136°20.0'E
		10 fathoms	11°18.3'S 136°24.7'E
74009	9Ed. 12/22/84 LAST NM 18/87		(Aus CH 308) 27/87
	Delete	Depth 9 fathoms 4 feet Obstr "Rep (1977)"	10°40.5'S 132°16.3'E
74009	9Ed. 12/22/84 LAST NM 27/87		(44(547)87 Sydney) 1/88
	Add	Light Fl(4) 16s 33ft 10M	11°53.5'S 134°12.8'E
74009	9Ed. 12/22/84 LAST NM 1/88		(13(200)88 Sydney) 29/88
	Add	Depth 9 fathoms 5 feet (SD)	11°14.1'S 134°44.5'E
74009	9Ed. 12/22/84 LAST NM 29/88		(24(360), 25(375)88 Sydney) 44/88
	Add	Light Fl 5s 105ft 10M	10°58.8'S 132°35.7'E
		Buoy BY, pillar, double cone topmark points upward, Q	11°02.8'S 132°05.0'E
74009	9Ed. 12/22/84 LAST NM 44/88		(39(539)88 Sydney) 53/88
	Delete	Depth 15 fathoms	13°06'S 129°51'E
	Add	Depths 7 fathoms 3 feet	12°56.1'S 129°56.6'E
		10 fathoms 5 feet	13°04.8'S 129°50.8'E
		8 fathoms 5 feet	13°19.6'S 129°46.2'E
74009	9Ed. 12/22/84 LAST NM 53/88		(42(585)88 Sydney) 5/89
	Delete	Depth 3 fathoms "Unexamined (1943)"	11°27.6'S 136°11.0'E
	Add	Dangerous submerged rock "Rep (1988)"	11°28.3'S 136°11.0'E
74009	9Ed. 12/22/84 LAST NM 5/89		(8(149)89 Sydney) 22/89
	Change	Legend "(PA)" to "(PD)"	9°53'S 136°15'E
	Add	Legend "(PD)" to depth 5 fathoms "Rep (1949)"	9°58'S 136°00'E
★74011	3Ed. 8/9/86	NEW EDITION	(DMAHTC) 41/86
74011	3Ed. 8/9/86 LAST NM 41/86		(45(637)86 Sydney) 1/87
	Add	Beacon "No 13", G, cone topmark, Fl G 3s 3M	15°25.25'S 128°05.98'E
		(Plan A)	
	Add	Light Fl G 3s 6m 3M to beacon "No 13"	15°25.2'S 128°06.0'E
74011	3Ed. 8/9/86 LAST NM 1/87		(16(208)87 Sydney) 28/87
		(And Plan A)	
	Delete	Depth 4.3 meters	15°23.5'S 128°06.4'E
	Add	Depth 3 meters	15°23.51'S 128°06.36'E
74011	3Ed. 8/9/86 LAST NM 28/87		(18(277)88 Sydney) 37/88
		(And Plan A)	
	Add	Buoy BY, pillar, double cone topmark points upward	15°22.98'S 128°06.30'E

74011 3Ed. 8/9/86 LAST NM 37/88
(And Plan A)
Delete Depth 1.7 meters
Add Depth 1.4 meters

(Plan A)
Add Depths 10 meters
4.6 meters

74011 3Ed. 8/9/86 LAST NM 41/88
Change Light to Fl 7½s 113m 17M Racon

★74012 8Ed. 4/14/84 NEW EDITION
Delete Depth 15 fathoms
Add Depths 14 fathoms "Rep (1983)"
9 fathoms 1 foot "Rep (1983)"
8 fathoms 2 feet "Rep (1984)"

74012 8Ed. 4/14/84 LAST NM 24/84
Add Chartlet, depicting changes in hydrography and topography, from back of Section I

74012 8Ed. 4/14/84 LAST NM 31/84
Change Light to Fl 5s 21M

74012 8Ed. 4/14/84 LAST NM 47/84
Change Light to Fl 5s 370ft 12M

74012 8Ed. 4/14/84 LAST NM 52/84
Change Light to Fl(2) 10s 77ft 12M

74012 8Ed. 4/14/84 LAST NM 2/85
Add Depth 8 fathoms 1 foot "Rep (1984)"

74012 8Ed. 4/14/84 LAST NM 9/85
Add R Bn (AERO)

74012 8Ed. 4/14/84 LAST NM 22/85
Change Lights to Fl(2) 6s 115ft 16M Racon
Fl 5s 102ft 17M Racon

74012 8Ed. 4/14/84 LAST NM 32/85
Add Depth 4 fathoms 5 feet "Rep (1985)"

74012 8Ed. 4/14/84 LAST NM 37/85
Delete Depth 4 fathoms 5 feet "Rep (1985)"
Add Depth 12 fathoms "Rep (1985)"

74012 8Ed. 4/14/84 LAST NM 39/85
Add Depths 15 fathoms
16 fathoms

74012 8Ed. 4/14/84 LAST NM 52/85
Change Light to Fl(3) 20s 142ft 22M Racon and delete R Bn

74012 8Ed. 4/14/84 LAST NM 4/86
Delete Depth 13 fathoms "Rep (1973)"
Add Depth 10 fathoms 2 feet "Rep (1986)"

74012 8Ed. 4/14/84 LAST NM 18/86
Add R Bn at light
(See 32/85-74012)

74012 8Ed. 4/14/84 LAST NM 20/86
Delete Light
Dangerous submerged rock

Depths 2 fathoms 4 feet
1 fathom 5 feet
Change Light to Fl 3.5s 23ft 3M

(continued on next page)

(21(314)88 Sydney) 41/88

15°25.2′S 128°05.9′E

15°25.12′S 128°05.92′E

15°19.05′S 128°04.41′E
15°27.06′S 128°05.46′E

(44(616)88 Sydney) 5/89
14°44.4′S 128°17.7′E

(DMAHTC; 30(503)83; 8(146)84 Sydney) 24/84
10°51.8′S 129°09.0′E

10°56.4′S 129°20.1′E
10°49.9′S 129°09.5′E
14°06.7′S 123°34.0′E

(34(469)81, 10(170)84 Sydney) 31/84

14°18′S 129°29′E

(35(616)84 Sydney) 47/84
12°23.8′S 130°37.5′E

(39(685)84 Sydney) 52/84
14°44.5′S 128°17.6′E

(38(669)84 Sydney) 2/85
16°05.9′S 123°31.2′E

(51(865)84 Sydney) 9/85
12°19.9′S 130°19.8′E

(11(154)85 Sydney) 22/85
13°45.2′S 126°08.5′E

(25(382, 383)85 Sydney) 32/85
14°06.2′S 123°33.0′E
15°31.1′S 123°09.0′E

(27(404)85 Sydney) 37/85
14°36.5′S 128°29.6′E

(30(449), 31(466)85 Sydney) 39/85
14°36.5′S 128°29.6′E

11°44.6′S 124°58.2′E

(43(640)85 Sydney) 52/85
10°36.2′S 129°28.3′E
10°39.5′S 129°30.5′E

(48(708)85 Sydney) 4/86
16°23.8′S 122°55.7′E

(11(206)86 Sydney) 18/86
11°41′S 124°32′E

11°41.6′S 124°33.1′E

(BA RA) 20/86
14°06.6′S 123°32.7′E

(20(344, 345)86 Sydney) 27/86
16°05.6′S 123°36.5′E
13°50.0′S 129°37.2′E

13°24.8′S 129°52.7′E
13°39.0′S 129°42.0′E

16°06.5′S 123°39.5′E

SUBDIVISION
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74012	(Continued)		
	Add	Depths 2 fathoms	27/86
		1 fathom	13°24.5'S 129°53.5'E
			13°39.0'S 129°43.0'E
74012	8Ed. 4/14/84 LAST NM 27/86		
	Delete	Depth 7 fathoms "Rep (1983)"	(22(372)86 Sydney) 29/86
			14°09.0'S 125°41.0'E
	Add	Depths 4 fathoms 3 feet	
		3 fathoms	14°09.0'S 125°40.6'E
			14°12.1'S 125°43.2'E
74012	8Ed. 4/14/84 LAST NM 29/86		
	Add	Depth 3 fathoms 5feet "Rep(1986)"	(16(279)86 Sydney) 30/86
			11°13.1'S 125°25.1'E
74012	8Ed. 4/14/84 LAST NM 30/86		
	Delete	Depth 28 fathoms	(25(417)86 Sydney) 32/86
			14°07.0'S 123°34.5'E
	Add	Depth 14 fathoms "Rep (1986)"	
			14°07.4'S 123°33.6'E
74012	8Ed. 4/14/84 LAST NM 32/86		
	Add	Superbuoy TANKER Racon (occas)	(27(442)86 Sydney) 35/86
			11°55.5'S 125°00.4'E
74012	8Ed. 4/14/84 LAST NM 35/86		
	Change	Visibility (range) of light to 21M	(25(310)86 Jakarta) 36/86
			10°43.8'S 123°03.0'E
74012	8Ed. 4/14/84 LAST NM 36/86		
	Change	Light to Fl(4) 16s 67ft 10M	(35(520)86 Sydney) 43/86
			13°49'S 127°17'E
74012	8Ed. 4/14/84 LAST NM 43/86		
	Add	Light Mo(U) Y 25s 10M (occas) to	(38(560)86 Sydney) 47/86
		superbuoy TANKER	
		(See 35/86-74012)	11°55.5'S 125°00.4'E
74012	8Ed. 4/14/84 LAST NM 47/86		
	Delete	Depths 9 fathoms	(47(655)86 Sydney) 5/87
		17 fathoms	15°53.0'S 123°21.7'E
		9 fathoms	15°50.0'S 123°39.5'E
			16°25.6'S 123°17.5'E
	Add	Depths 13 fathoms	
		13 fathoms	15°37.3'S 123°05.8'E
		12 fathoms	15°48.7'S 122°17.2'E
		16 fathoms	15°50.6'S 123°39.1'E
		7 fathoms 4 feet	15°54.8'S 122°32.0'E
		12 fathoms	15°54.5'S 123°21.2'E
		8 fathoms 1 foot	16°23.5'S 122°14.2'E
			16°26.1'S 123°18.0'E
74012	8Ed. 4/14/84 LAST NM 5/87		
	Change	Light to Fl(4) 20s 120ft 12M	(23(285)87 Sydney) 36/87
			15°20.0'S 124°11.9'E
74012	8Ed. 4/14/84 LAST NM 36/87		
	Delete	Depth 16 fathoms	(27(322)87 Sydney) 42/87
		Dangerous submerged rock	14°28'S 125°05'E
			14°25'S 125°09'E
	Add	Depths 0 fathom 2 feet	
		1 fathom 2 feet	14°24.5'S 125°09.4'E
			14°27.9'S 125°05.6'E
74012	8Ed. 4/14/84 LAST NM 42/87		
	Change	Light to Fl(4) 20s 222ft 12M	(39(478)87 Sydney) 50/87
			16°02.7'S 123°16.7'E
74012	8Ed. 4/14/84 LAST NM 50/87		
	Delete	Depths 15 fathoms	(44(548), 45(571)87 Sydney) 1/88
		11 fathoms	13°12'S 126°09'E
		10 fathoms	13°13'S 126°02'E
		11 fathoms	13°21'S 126°11'E
		19 fathoms "Rep (1982)"	13°22'S 126°04'E
		5 fathoms	13°21'S 125°43'E
			14°21'S 125°19'E
	Add	Depths 10 fathoms 3 feet	
		9 fathoms	13°09.4'S 126°10.9'E
		7 fathoms	13°11.4'S 126°08.9'E
		6 fathoms 5 feet	13°14.4'S 126°02.4'E
		8 fathoms 5 feet	13°14.2'S 126°05.7'E
		5 fathoms 2 feet	13°15.7'S 126°14.3'E
		9 fathoms 3 feet	13°20.8'S 126°10.1'E
		9 fathoms 5 feet	13°21.6'S 126°03.4'E
		2 fathoms 2 feet	13°20.1'S 125°43.2'E
		3 fathoms 3 feet	14°20.8'S 125°19.4'E
			14°20.5'S 125°22.0'E
74012	8Ed. 4/14/84 LAST NM 1/88		
	Delete	Stranded wreck	(34(494)88 Sydney) 50/88
			12°33'S 123°33'E

74012	8Ed. 4/14/84 LAST NM 50/88 Delete	Depth 15 fathoms	(39(539)88 Sydney) 53/88 13°06'S 129°51'E
	Add	Depths 7 fathoms 3 feet 10 fathoms 5 feet 8 fathoms 5 feet	12°56.1'S 129°56.6'E 13°04.8'S 129°50.8'E 13°19.4'S 129°46.2'E
74012	8Ed. 4/14/84 LAST NM 53/88 Add	R Bn to superbuoy TANKER R Bn at light	(43(597, 598)88 Sydney) 5/89 11°55.5'S 125°00.4'E 15°31.0'S 123°09.0'E
74012	8Ed. 4/14/84 LAST NM 5/89 Add	Legend "(ED)" to depth 6 fathoms	(7(133)89 Sydney) 19/89 13°09'S 126°06'E
*74015	9Ed. 2/25/89	NEW EDITION	(DMAHTC; 1(41), 7(133)89 Sydney; Aus CH 414) 21/89 17°31.0'S 118°57.5'E 10°40.0'S 126°24.6'E 13°10.0'S 126°06.0'E
	Add	Light dot to light flare symbol Depth 29 meters "Rep (1988)" Legend "(ED)" to depth 10.9 meters	
*74016	2Ed. 4/19/86	NEW EDITION	(DMAHTC) 25/86
74016	2Ed. 4/19/86 LAST NM 25/86 Change	(And Plan) Light to Fl WR 5s 32m 10/8M Note: Sectors unchanged	(5(60)87 Sydney) 14/87 18°00.4'S 122°12.3'E
74016	2Ed. 4/19/86 LAST NM 14/87 Delete	Position circle "Bns"	(15(187)87 Sydney) 27/87 17°59.4'S 122°12.6'E
		Dashed line and legend "Bns" in line 302°" between	17°59.4'S 122°12.6'E 18°00.2'S 122°13.8'E
	Add	Position circle "Bns"	17°59.22'S 122°12.80'E
		Dashed line (range bearing line) extending in 125°35' direction for 2500 meters from above position circle	
		Legend "Bns in line 305°35'" along dashed line	17°59.41'S 122°13.17'E
	Delete	(Plan) Dashed line and legend "Bns in line 302°" between	17°59.5'S 122°12.5'E 18°00.1'S 122°13.8'E
	Add	Dashed line between	17°59.49'S 122°13.19'E 18°00.00'S 122°13.93'E
		Legend "Bns in line 305°35'" along dashed line	17°59.76'S 122°13.59'E
*74017	2Ed. 5/17/86 Add	NEW EDITION Purple double dashed line with legend "Prohibited Anchorage (See Caution No. 3)" 1 mile wide, centered on pipeline between	(DMAHTC; 20(347)86 Sydney) 31/86 20°20'00"S 116°41'49"E 20°35'13"S 116°46'26"E
		Caution No. 3 to cautions note "3. Prohibited Anchorage. Within the port limits, unauthorized vessels are prohibited from anchoring within 0.5 mile of the gas pipeline." (Previously published 28/86)	20°38'18"S 116°47'12"E
74017	2Ed. 5/17/86 LAST NM 31/86 Add	Racon to buoy	(30(470)86 Sydney) 37/86 20°25.7'S 116°42.7'E

74017	2Ed. 5/17/86 LAST NM 37/86		(40(584)86 Sydney) 51/86
	Add	"Spoil Area" bound by dashed line joining	20°33'01"S 116°44'20"E 20°32'01"S 116°44'20"E 20°30'56"S 116°44'55"E 20°30'56"S 116°46'04"E 20°32'01"S 116°45'30"E 20°32'24"S 116°45'30"E
		(Plan)	
	Add	Dashed line joining	20°30'56"S 116°45'40"E 20°30'56"S 116°44'55"E 20°32'01"S 116°44'20"E 20°33'01"S 116°44'20"E 20°32'24"S 116°45'30"E 20°32'01"S 116°45'30"E 20°31'41"S 116°45'40"E 20°31'30"S 116°45'12"E
		Legend "Spoil Area"	
74017	2Ed. 5/17/86 LAST NM 51/86		(47(656)86 Sydney) 5/87
	Add	Buoy (mooring) Fl	20°35'56"S 116°35'16"E
74017	2Ed. 5/17/86 LAST NM 5/87		(1(40)88 Sydney) 14/88
		(And Plan)	
	Add	Depth 1.6 meters	20°35'40.2"S 116°44'24.0"E
74017	2Ed. 5/17/86 LAST NM 14/88		(Aus CH 58) 24/88
	Delete	Light "B"	20°35.8'S 116°45.9'E
		Buoys (mooring) "B"	20°34.7'S 116°45.8'E
		"C"	20°34.8'S 116°45.9'E
	Change	Lights to "16" Oc G 5s 6m 8M and delete sectors	20°35.3'S 116°46.0'E
		"A" Oc G 5s 14m 8M and delete sectors	20°35.4'S 116°46.2'E
	Add	Depths 4.3 meters	20°24'45"S 116°46'47"E
		6.8 meters	20°24'46"S 116°46'27"E
		7.4 meters	20°25'16"S 116°46'31"E
		5.1 meters	20°26'20"S 116°46'48"E
		10 meters	20°26'56"S 116°46'16"E
		8 meters	20°27'18"S 116°46'54"E
		7.9 meters	20°29'44"S 116°46'45"E
		(And Plan)	
	Delete	Buoy (mooring) "A"	20°35'42"S 116°45'31"E
		Light	20°38'22"S 116°39'08"E
		Depth 1.6 meters	20°35'40"S 116°44'24"E
		(See 14/88-74017)	
	Change	Light to Fl(2) 5s 2M	20°34'55"S 116°45'24"E
	Add	Depths 3.4 meters	20°33'06"S 116°45'26"E
		8.9 meters	20°35'36"S 116°44'25"E
		Buoys, each R, spar, can topmark	
		"6" Fl R 5s	20°30'45"S 116°43'34"E
		"7" Fl(2) R 5s	20°32'05"S 116°43'23"E
		"10" Fl(2) R 5s	20°33'13"S 116°43'49"E
		"11" Oc R 5s	20°33'36"S 116°44'15"E
		"12" Fl(2) R 5s	20°34'09"S 116°44'51"E
		Buoys, each G, spar, cone topmark	
		"11A" Oc G 5s	20°33'44"S 116°44'09"E
		"12A" Fl(2) G 5s	20°34'14"S 116°44'47"E
		"13A" Oc G 5s	20°34'48"S 116°45'26"E
		Buoy G, can, QG	20°38'31"S 116°39'12"E
★**74018**	5Ed. 11/5/83	NEW EDITION	(DMAHTC; BA LL) 6/84
	Add	Depth 5 fathoms "Rep (1983)"	16°52.4'S 122°15.9'E
		(Previously published 50/83)	
	Change	Light to F Bu	17°16.0'S 123°36.0'E
		(Plan A)	
	Change	Light to F Bu	17°16.4'S 123°35.5'E

74018	5Ed. 11/5/83 LAST NM 6/84		
	Add	Depth 20 fathoms	(Aus CH 325) 13/84 19°18.4'S 119°10.3'E
74018	5Ed. 11/5/83 LAST NM 13/84		
	Change	Light to Fl(2) 10s 103ft 18M	(30(516)84 Sydney) 41/84 17°58.5'S 122°09.6'E
74018	5Ed. 11/5/83 LAST NM 41/84		
	Add	Racon at light	(22(339)85 Sydney) 31/85 19°35.5'S 119°05.8'E
74018	5Ed. 11/5/83 LAST NM 31/85		
		(And Plan B)	(37(570)85 Sydney) 46/85
	Change	Visibility (range) of light to 10M	18°43.2'S 121°38.2'E
74018	5Ed. 11/5/83 LAST NM 46/85		
	Change	Light to Fl(3) 20s 142ft 22M Racon and delete R Bn	(48(708)85 Sydney) 4/86 16°24.3'S 122°54.7'E
74018	5Ed. 11/5/83 LAST NM 4/86		
	Delete	Topmark from buoy	(8(153)86 Sydney) 17/86 17°04.2'S 122°06.0'E
74018	5Ed. 11/5/83 LAST NM 17/86		
	Delete	Depth 9 fathoms	(47(655)86 Sydney) 5/87 16°26.4'S 123°15.8'E
	Add	Depths 12 fathoms 8 fathoms 1 foot	16°24.5'S 122°13.8'E 16°26.7'S 123°16.1'E
74018	5Ed. 11/5/83 LAST NM 5/87		
	Change	Light to Fl WR 5s 106ft 10/8M	(5(60)87 Sydney) 14/87 18°00'S 122°12'E
74018	5Ed. 11/5/83 LAST NM 14/87		
	Change	Light to Fl 2s 82ft 13M Racon	(21(264)87 Sydney) 31/87 16°54.5'S 122°10.3'E
	Add	Light Fl(2) 15s 157ft 15M Racon	17°04.4'S 122°17.0'E
74018	5Ed. 11/5/83 LAST NM 31/87		
	Delete	Buoys	(22(275)87 Sydney) 37/87 16°52.5'S 122°17.2'E 17°04.6'S 122°05.8'E
74018	5Ed. 11/5/83 LAST NM 37/87		
	Change	Light to Fl(3) 15s 79ft 10M Racon	(20(300)88 Sydney) 37/88 19°35.4'S 119°05.8'E
74018	5Ed. 11/5/83 LAST NM 37/88		
	Change	Visibility (range) of light to 12M (See 37/88-74018)	(24(362)88 Sydney) 44/88 19°35.4'S 119°05.8'E
★74020	2Ed. 3/3/84	NEW EDITION	(DMAHTC, Aus CH 58) 19/84 20°42.5'S 116°46.2'E
	Delete	R Bn (AERO)	
	Relocate	Pilot station symbol close SE to	20°31.3'S 116°43.6'E
74020	2Ed. 3/3/84 LAST NM 19/84		(17(301)84 Sydney) 27/84
	Delete	Range lights, range line and legend "Leading lights 217°30'" between	20°38.2'S 117°09.3'E 20°31.9'S 117°14.4'E
		Pilot station symbol Buoy	20°31.9'S 117°14.0'E 20°34.0'S 117°12.7'E
	Add	Buoys, each G, spar, cone topmark "No 25" Fl G 2s "No 27" QG	20°33.41'S 117°13.05'E 20°34.25'S 117°12.30'E
		Buoys, each R, spar, can topmark "No 26" Fl R 2s "No 28" QR	20°33.50'S 117°13.16'E 20°34.34'S 117°12.42'E
74020	2Ed. 3/3/84 LAST NM 27/84		(21(356)84 Sydney) 31/84
	Delete	Buoy "C5"	20°29.8'S 117°15.7'E
74020	2Ed. 3/3/84 LAST NM 31/84		(24(417), 29(498,499)84 Sydney) 38/84
	Delete	Depth 4.6 meters	20°31.70'S 116°30.55'E
	Add	Buoys, each R, spar, can topmark, "Woodside" Fl(3) R 5s "4W" Oc R 5s "8W" Oc R 5s	20°26.20'S 116°43.70'E 20°28.67'S 116°43.88'E 20°32.83'S 116°43.35'E
		Light Oc R 2s 58m 5M	20°39.30'S 116°40.92'E

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74020 (Continued)

Add — Depths 7.4 meters — 38/84
3.1 meters — 20°33.30'S 116°28.92'E
1.9 meters — 20°33.75'S 116°31.44'E
3.8 meters — 20°33.17'S 116°31.69'E
2.8 meters — 20°31.89'S 116°30.41'E
1 meter — 20°31.46'S 116°30.65'E
3.7 meters — 20°29.20'S 116°31.63'E
4.0 meters — 20°30.29'S 116°33.90'E
4.5 meters — 20°30.80'S 116°33.99'E
4.1 meters — 20°31.86'S 116°34.88'E
1.4 meters — 20°32.51'S 116°35.29'E
0.6 meter — 20°29.92'S 116°36.14'E
20°29.72'S 116°36.54'E

74020 2Ed. 3/3/84 LAST NM 38/84

Delete — Pilot station symbol — (44(754, 755)84 Sydney) 51/84
(See 19/84-74020) — 20°31.3'S 116°43.6'E
Buoy — 20°35.0'S 116°45.3'E

Add — Pilot station symbol — 20°24.3'S 116°43.7'E

74020 2Ed. 3/3/84 LAST NM 51/84

Add — Dashed lines (harbor limit) joining — (34(603)84 Sydney) 4/85
20°23'36"S 117°18'12"E
20°25'48"S 117°04'30"E
20°25'21"S 116°53'03"E

between
20°31'06"S 116°48'52"E
20°31'49"S 116°48'27"E

joining
20°28'48"S 116°50'00"E
20°18'12"S 116°50'00"E
20°23'48"S 116°36'00"E
20°43'58"S 116°36'00"E

Legend "Walcott Port Limits"
"Dampier Port Limits" — 20°25'00"S 117°11'36"E
20°21'18"S 116°42'52"E

74020 2Ed. 3/3/84 LAST NM 4/85

Delete — Dashed line (recommended track) and course designation 034°-214° between — (7(105)85 Sydney; Aus CH 58) 21/85
20°26.59'S 116°42.15'E
20°24.95'S 116°43.30'E

Relocate — Buoy "Sea Buoy" close S to — 20°25.73'S 116°42.63'E

Substitute — Depths 0.7 meter for 1.2 meters — 20°39.75'S 116°31.10'E
3.7 meters for 4.2 meters — 20°40.60'S 116°28.15'E
3.7 meters for 4.2 meters — 20°41.50'S 116°29.05'E
Note: Legend "Unexamined" remains

Add — Dashed line (recommended track) with legend "036°-216°" between
20°26.59'S 116°42.15'E
20°24.95'S 116°43.40'E

Depths 3.1 meters — 20°31.45'S 116°39.05'E
2.3 meters — 20°32.25'S 116°40.70'E
1.3 meters — 20°34.50'S 116°30.45'E

74020 2Ed. 3/3/84 LAST NM 21/85

Delete — Buoy — (Aus CH 741; 16(226), 21(325)85 Sydney) 29/85
Light — 20°35.5'S 117°12.1'E
20°39.5'S 117°13.0'E

Range line and legend "194°00'" between
20°39.5'S 117°13.0'E
20°33.1'S 117°14.5'E

74020 2Ed. 3/3/84 LAST NM 29/85

Add — Double purple dashed line with legend "Prohibited Anchorage (See caution)", 1 mile wide, centered on pipeline between — (20(347)86 Sydney) 27/86
20°35.3'S 116°46.4'E
20°21.2'S 116°42.9'E

Note
"CAUTION-PROHIBITED ANCHORAGE
Within the port limits, unauthorized vessels are prohibited from anchoring within 0.5 mile of the gas pipeline."

74020 2Ed. 3/3/84 LAST NM 27/86

Add — Racon to buoy — 19°31.8'S 117°08.9'E
(30(470)86 Sydney) 37/86
20°25.7'S 116°42.6'E

74020	2Ed. 3/3/84 LAST NM 37/86		(40(584)86 Sydney) 51/86
	Add	"Spoil Ground" area bound by dashed line joining	20°32.07'S 116°45.50'E 20°32.57'S 116°45.50'E 20°33.05'S 116°44.29'E 20°32.07'S 116°44.29'E 20°30.99'S 116°44.83'E 20°30.99'S 116°46.04'E
74020	2Ed. 3/3/84 LAST NM 51/86		(44(624)86 Sydney) 1/87
	Add	Pilot station symbol with legend "(see Note)"	20°33.5'S 117°15.5'E
		Note "PILOTAGE Entry into Port Walcott via the buoyed channel is prohibited. The channel is for departure only and pilotage is compulsory. Pilotage is optional for inbound vessels between 20° 23.3'S, 117° 26.5'E and 20° 33.5'S, 117° 15.5'E, then from this position to the berth pilotage is compulsory."	20°46.0'S 117°13.4'E
74020	2Ed. 3/3/84 LAST NM 1/87		(47(656)86 Sydney) 5/87
	Add	Buoy (mooring) Fl	20°36.0'S 116°35.2'E
74020	2Ed. 3/3/84 LAST NM 5/87		(9(105)87 Sydney) 17/87
	Add	Buoy (mooring), Fl	20°37.9'S 116°33.5'E
74020	2Ed. 3/3/84 LAST NM 17/87		(31(463)88 Sydney) 48/88
	Add	Depth 15.4 meters Foul	20°32.8'S 116°26.7'E
★74021	6Ed. 4/12/86	NEW EDITION	(DMAHTC) 24/86
	Add	Buoy, spar, QY (Previously published 16/86)	20°49.0'S 115°31.6'E
74021	6Ed. 4/12/86 LAST NM 24/86		(DMAHTC) 25/86
	Delete	R Bn (AERO)	20°23.5'S 118°38.0'E
74021	6Ed. 4/12/86 LAST NM 25/86		(28(451)86 Sydney) 35/86
	Change	Visibility (range) of light to 10M	21°12'S 115°37'E
74021	6Ed. 4/12/86 LAST NM 35/86		(30(470)86 Sydney) 37/86
	Add	Racon to buoy	20°25.8'S 116°42.4'E
74021	6Ed. 4/12/86 LAST NM 37/86		(42(604)86 Sydney) 51/86
	Add	Submerged well (covered 4½ fathoms) marked close W by buoy, white spar, Fl 4s Ra Ref	21°06.8'S 115°16.4'E
74021	6Ed. 4/12/86 LAST NM 51/86	(Plan B)	(Aus CH 55) 26/87
	Add	Lights FR	20°34'50"S 117°10'23"E 20°34'53"S 117°10'20"E
74021	6Ed. 4/12/86 LAST NM 26/87		(18(229)87 Sydney) 29/87
	Change	Lights to Fl(4) 16s 92ft 10M Fl(2) 8s 85ft 10M	21°19.1'S 115°09.0'E 21°05.2'S 115°38.5'E
74021	6Ed. 4/12/86 LAST NM 29/87		(8(128, 129), 9(146)88 Sydney) 24/88
	Change	Characteristic of buoy to Oc	20°49.0'S 115°31.6'E
	Add	Depth 4½ fathoms (SD)	20°53.8'S 115°31.6'E
		Platforms	21°06.8'S 115°15.4'E 21°09.8'S 115°15.0'E
		Submarine pipeline joining	21°19.0'S 115°09.1'E 21°06.8'S 115°15.4'E 21°09.8'S 115°15.0'E
74021	6Ed. 4/12/86 LAST NM 24/88		(20(300)88 Sydney) 37/88
	Change	Light to Fl(3) 15s 79ft 10M Racon	19°35.4'S 119°06.0'E
74021	6Ed. 4/12/86 LAST NM 37/88		(22(330)88 Sydney) 40/88
	Add	Legend "Oil (Caution No 6)"	21°13.8'S 115°13.0'E

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74021 (Continued)
Add — Caution No 6 to CAUTIONS note
"6. In many cases submarine pipelines carrying flammable oil or gas are not buried in the seabed and depths may be up to two meters less than charted. Gas pipelines carry natural gas at high pressure. Vessels should not anchor or trawl in the vicinity of pipelines as a damaged pipeline could cause a fire." — 40/88

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74024 6Ed. 3/1/86 — NEW EDITION — (DMAHTC: BA LL) 21/86
Change — Sectors of light to white 039°-270°, red-312°, white-355° — 25°31.2'S 113°29.0'E

74024 6Ed. 3/1/86 LAST NM 21/86 — (42(605)86 Sydney) 51/86
Delete — Depths 22 fathoms "Rep (1973)" — 27°54.8'S 113°24.2'E
8 fathoms "Rep (1974)" — 28°13.1'S 114°04.7'E
5½ fathoms "Rep (1975)" — 28°13.7'S 114°05.2'E

Add — Depths 18 fathoms — 27°56.4'S 113°23.8'E
6¼ fathoms — 28°12.6'S 114°04.2'E

74024 6Ed. 3/1/86 LAST NM 51/86 — (7(83)87 Sydney) 15/87
Delete — Dangerous submerged rock (PA) — 28°50.2'S 114°03.3'E
28°42.3'S 113°38.8'E

Depths 4 fathoms — 28°39.0'S 113°46.7'E
6 fathoms — 28°41.7'S 113°59.8'E

Add — Depths 5¾ fathoms "Assail Bank" — 28°21.0'S 113°41.7'E
7 fathoms "Beagle Knoll" — 28°22.7'S 113°44.3'E
7¾ fathoms "Acute Bank" — 28°23.6'S 113°48.0'E
13 fathoms — 28°33.3'S 113°44.6'E
3 fathoms — 28°39.2'S 113°46.9'E
5¼ fathoms — 28°39.9'S 113°40.0'E
4¼ fathoms "Dart Shoal" — 28°40.1'S 113°52.8'E
4½ fathoms — 28°42.0'S 113°59.2'E
5 fathoms — 28°50.2'S 114°03.0'E
14 fathoms — 28°35.3'S 114°30.1'E
13 fathoms — 28°35.0'S 114°20.7'E
15 fathoms — 28°32.7'S 114°20.6'E
13 fathoms — 28°30.3'S 114°20.6'E
10½ fathoms — 28°26.1'S 114°15.1'E
10¾ fathoms — 28°15.5'S 114°11.0'E
13 fathoms — 28°21.7'S 114°04.4'E
14 fathoms — 28°26.4'S 114°03.3'E
11 fathoms — 28°28.5'S 114°02.3'E
11 fathoms — 28°29.4'S 114°00.5'E
11 fathoms — 28°36.2'S 114°05.9'E

74024 6Ed. 3/1/86 LAST NM 15/87 — (43(531)87 Sydney) 52/87
Change — Visibility (range) of light to 12M and add Racon — 28°04.0'S 114°11.6'E

74024 6Ed. 3/1/86 LAST NM 52/87 — (19(292)88 Sydney) 37/88
Substitute — Depth 8¾ fathoms for 8½ fathoms — 28°07.5'S 113°32.5'E

Add — Depth 6¼ fathoms — 28°06.5'S 113°27.0'E

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★74027 7Ed. 5/4/85 — NEW EDITION — (DMAHTC) 28/85

74027 7Ed. 5/4/85 LAST NM 28/85 — (19(299)85 Sydney) 29/85
Add — Depth 10¾ fathoms "Rep (1985)" — 28°34.8'S 114°00.6'E

74027 7Ed. 5/4/85 LAST NM 29/85 — (29(431, 432)85 Sydney) 39/85
Change — Visibility (range) of light to 23M — 28°47.9'S 114°34.1'E

Add — Light Fl(2) 6s 49ft 10M — 28°48.0'S 114°00.9'E

74027 7Ed. 5/4/85 LAST NM 39/85 — (37(572)85 Sydney) 46/85
(And Plan B)
Add — Light Fl 3s 20ft 5M — 30°17'30"S 115°02'05"E

74027	7Ed. 5/4/85 LAST NM 46/85		(11(207)86 Sydney) 18/86
	Delete	Range line and legend "Lts in line 076°" between	32°01.2'S 115°37.9'E 32°06.6'S 115°13.0'E
	Relocate	Front range light close SE to	32°01.4'S 115°37.5'E
	Add	Range line extending in 254°38' direction from rear light, solid for 22 miles	32°01.2'S 115°37.9'E
		Legend "Lts in line 074°38'" along above range line	32°06.8'S 115°15.0'E
		Light Fl(2) 5s 75ft 9M	32°01.4'S 115°27.3'E
74027	7Ed. 5/4/85 LAST NM 18/86		(23(386)86 Sydney) 29/86
	Change	Visibility (range) of light to 25M	33°32.0'S 115°01.5'E
74027	7Ed. 5/4/85 LAST NM 29/86		(31(479)86 Sydney) 37/86
		(And Plan B)	
	Change	Light to Fl(3) 15s 98ft 10M	30°20.2'S 114°59.1'E
74027	7Ed. 5/4/85 LAST NM 37/86		(40(587)86 Sydney) 51/86
	Delete	Range line and legend "Lts in line 074°38'" between	32°01.2'S 115°37.9'E 32°07.3'S 115°12.9'E
		(See 18/86-74027)	
	Add	Range line extending in 256°06' direction from rear light, solid for 22 miles	32°01.2'S 115°37.9'E
		Legend "Lts in line 076°06'" along above range line	32°05.5'S 115°15.6'E
74027	7Ed. 5/4/85 LAST NM 51/86		(46(644)86 Sydney) 4/87
	Add	Depths 15 fathoms	31°04.2'S 115°05.9'E
		14 fathoms	31°28.1'S 115°13.0'E
		14 fathoms	31°27.5'S 115°25.1'E
		14 fathoms	32°05.1'S 115°27.9'E
74027	7Ed. 5/4/85 LAST NM 4/87		(4(53)87 Sydney) 12/87
	Change	Light to Fl(4) 16s 98ft 14M	31°59.2'S 115°32.5'E
74027	7Ed. 5/4/85 LAST NM 12/87		(7(83)87 Sydney) 15/87
	Delete	Dangerous submerged rock (PA)	28°50.4'S 114°03.2'E 28°42.6'S 113°38.9'E
		Depths 18 fathoms	28°34.1'S 113°45.2'E
		4 fathoms	28°38.8'S 113°46.8'E
		6 fathoms	28°41.9'S 113°59.7'E
	Add	Depths 15 fathoms	28°33.1'S 114°20.9'E
		13 fathoms	28°33.5'S 113°45.9'E
		14 fathoms	28°35.7'S 114°30.2'E
		13 fathoms	28°35.7'S 114°21.1'E
		11 fathoms	28°35.9'S 114°06.1'E
		3 fathoms	28°39.1'S 113°47.1'E
		5¼ fathoms	28°40.0'S 113°40.0'E
		4¼ fathoms	28°41.1'S 113°53.1'E
		4½ fathoms	28°42.0'S 113°59.2'E
		5 fathoms	28°50.2'S 114°02.8'E
74027	7Ed. 5/4/85 LAST NM 15/87		(12(144)87 Sydney) 19/87
	Delete	Depth 14 fathoms	29°36.3'S 114°35.1'E
	Add	Depth 18 fathoms	29°36.7'S 114°34.4'E
74027	7Ed. 5/4/85 LAST NM 19/87		(Aus CH 333) 13/88
	Add	R Bn (AERO)	31°01.7'S 115°20.4'E
74027	7Ed. 5/4/85 LAST NM 13/88		(4(83)88 Sydney) 14/88
	Change	Light to Fl 7M	33°37'S 115°20'E
74027	7Ed. 5/4/85 LAST NM 14/88		(18(279)88 Sydney) 37/88
	Add	Light Fl 2s 174ft 15M	32°31.3'S 115°42.2'E
74027	7Ed. 5/4/85 LAST NM 37/88		(34(496)88 Sydney) 50/88
	Add	Lights Fl(2) 15s 167ft 15M	32°41.3'S 115°36.5'E
		Fl 5s 164ft 15M	32°57.4'S 115°39.8'E

★74030	4Ed. 5/16/81	NEW EDITION	
	Add	Depth 10½ fathoms "Rep (1966)"	(DMAHTC) 30/81 33°17.2'S 114°59.5'E
74030	4Ed. 5/16/81 LAST NM 30/81		
	Substitute	Depth 21 fathoms for 22 fathoms "Rep (1980)"	(18(262)81 Sydney) 36/81 35°10.7'S 116°37.2'E
74030	4Ed. 5/16/81 LAST NM 36/81		
		(And Plan Geographe Bay)	(NVS6497/81) 41/81
	Delete	Depth 10½ fathoms "Rep (1966)"	33°17.2'S 114°59.5'E
74030	4Ed. 5/16/81 LAST NM 41/81		
	Delete	Depth 16 fathoms, rky	(38(526)81 Sydney) 13/82 34°19.0'S 115°00.8'E
	Add	Depth 10¼ fathoms	34°19.5'S 115°00.8'E
74030	4Ed. 5/16/81 LAST NM 13/82		
		(Plan B)	(10(164)82 Sydney) 18/82
	Delete	Buoy	33°17.5'S 115°37.1'E
74030	4Ed. 5/16/81 LAST NM 18/82		
		(And Plan B)	(4(74)82 Sydney; BA LL) 40/82
	Change	Light to Fl(4) 30s 142ft 19M	33°18.7'S 115°37.8'E
74030	4Ed. 5/16/81 LAST NM 40/82		
	Add	Depth 16 fathoms	(23(320)82 Sydney) 47/82 33°26.9'S 114°48.8'E
74030	4Ed. 5/16/81 LAST NM 47/82		
	Change	Light to Fl(2) 6s 390ft 12M	(51(747)82 Sydney) 24/83 35°03.8'S 118°03.0'E
74030	4Ed. 5/16/81 LAST NM 24/83		
	Add	Depth 20 fathoms "Rep (1984)"	(41(726), 42(736)84 Sydney) 52/84 33°49.4'S 114°53.8'E
		(And Plan B)	
	Change	Light to Fl(3) 15s 142ft 19M	33°18.7'S 115°37.9'E
74030	4Ed. 5/16/81 LAST NM 52/84		
		(Plan B)	(51(750)85 Sydney) 12/86
	Change	Legend "Breaks in a heavy swell" to "Breaks in a medium swell"	33°29.0'S 114°59.0'E
	Add	Depth 3¼ fathoms "Rep (1985)"	33°29.2'S 115°00.5'E
74030	4Ed. 5/16/81 LAST NM 12/86		
	Change	Visibility (range) of light to 25M	(23(386)86 Sydney) 29/86 33°32.0'S 115°01.5'E
74030	4Ed. 5/16/81 LAST NM 29/86		(13(162)87 Sydney) 21/87
	Delete	Depths 19 fathoms	34°27.9'S 115°21.8'E
		13 fathoms	34°30.3'S 115°17.1'E
		13 fathoms	34°33.1'S 115°31.9'E
		18 fathoms	34°34.7'S 115°33.1'E
		15 fathoms	34°52.0'S 115°47.9'E
		14 fathoms	34°53.1'S 115°57.2'E
	Add	Depths 10 fathoms	34°23.6'S 115°17.2'E
		16 fathoms	34°28.1'S 115°22.7'E
		16 fathoms	34°28.5'S 115°19.4'E
		11 fathoms	34°30.3'S 115°18.2'E
		16 fathoms	34°31.3'S 115°21.2'E
		15 fathoms	34°28.7'S 115°29.4'E
		11 fathoms	34°34.0'S 115°31.9'E
		12 fathoms	34°34.5'S 115°34.3'E
		16 fathoms	34°35.9'S 115°32.0'E
		17 fathoms	34°53.0'S 115°45.5'E
		17 fathoms	34°53.0'S 115°49.7'E
		17 fathoms	34°51.1'S 115°52.2'E
		12 fathoms	34°53.8'S 115°57.5'E
74030	4Ed. 5/16/81 LAST NM 21/87		
	Add	Legend "SEE CAUTION"	(Aus CH 335) 4/88 34°27.0'S 114°53.0'E
74030	4Ed. 5/16/81 LAST NM 4/88		
		(Plan A)	(4(83)88 Sydney) 14/88
	Change	Light to Fl 3s 16ft 7M	33°37'19"S 115°19'55"E
		(Plan B)	
	Change	Light to Fl 7M	33°37.4'S 115°19.9'E

74030	4Ed. 5/16/81 LAST NM 14/88		(34(496)88 Sydney) 49/88
	Add	Lights Fl(2) 15s 167ft 15M	32°41.3′S 115°36.5′E
		Fl 5s 164ft 15M	32°57.4′S 115°39.8′E
74030	4Ed. 5/16/81 LAST NM 49/88		(6(115)89 Sydney) 19/89
		(Plan B)	
	Add	Depth 11 fathoms Obstr with legend "(Fish haven)"	33°34.7′S 115°09.7′E
★74041	4Ed. 2/9/85	NEW EDITION	(DMAHTC; 9(128)85 Sydney; BA CH 349) 20/85
		(Plan L)	
	Add	Legend "Reef rep to lie 0.5 mile SW with reef 1 mile in length lying 0.5 mile westward."	22°11′30″S 155°26′00″E
		Legend "Reef extends 0.5 mile NW" (Previously published 11/85)	22°09′32″S 155°26′50″E
		(Plan A)	
	Substitute	Light Q 108ft 7M for position circle Note: Legend "R MAST (108)" remains	16°17′46″S 149°58′32″E
		(Plan G)	
	Add	Depth 3¼ fathoms (PA)	19°49′50″S 158°20′32″E
74041	4Ed. 2/9/85 LAST NM 20/85		(16(223)85 Sydney) 28/85
		(Plan A)	
	Change	Light to Fl 2s 108ft 7M (See 20/85-74041)	16°17′46″S 149°58′32″E
74041	4Ed. 2/9/85 LAST NM 28/85		(2(41)86 Sydney) 33/86
		(Plan A)	
	Change	Light to (AERO) Fl 2s 108ft 7M (occas)	16°17′46″S 149°58′32″E
★74051	1Ed. 8/27/88	NEW CHART	(DMAHTC) 48/88
★74052	1Ed. 9/17/88	NEW CHART	(DMAHTC) 50/88
★74053	1Ed. 8/27/88	NEW CHART	(DMAHTC) 44/88
74053	1Ed. 8/27/88 LAST NM 44/88		(6(115)89 Sydney) 19/89
	Add	Depth 21 meters Obstr with legend "(Fish haven)"	33°35.2′S 115°09.9′E
★74054	1Ed. 9/17/88	NEW CHART	(DMAHTC) 53/88
★74071	3Ed. 9/13/75	NEW EDITION	(DMAHC) 44/75
74071	3Ed. 9/13/75 LAST NM 44/75		(22(244)80 Sydney) 38/80
		(Plan C)	
	Add	Dotted line with legend "Reef edge rep. to lie about 1.2 miles NE" joining	17°41.20′S 148°34.20′E 17°40.15′S 148°35.50′E 17°37.65′S 148°35.49′E 17°35.25′S 148°34.85′E 17°32.00′S 148°33.25′E
74071	3Ed. 9/13/75 LAST NM 38/80		(16(217)81 Sydney) 33/81
		(Plan C)	
	Add	Depth 12 fathoms "Rep (1981)"	17°24′00″S 148°24′55″E
		Legends "Rep to lie 1 mile N"	17°25′00″S 148°12′45″E
		"Rep to lie 2 miles N"	17°27′30″S 148°21′00″E
		"Rep to lie 2 miles N"	17°20′45″S 148°28′45″E
74071	3Ed. 9/13/75 LAST NM 33/81		(4(67)82 Sydney) 39/82
	Add	Position circle "Tr (conspic)"	16°28′40″S 147°52′45″E
74071	3Ed. 9/13/75 LAST NM 39/82		(3(55)83 Sydney) 24/83
		(Plan C)	
	Add	Position circle "Tr Ra (conspic)"	17°44.00′S 148°26.45′E

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74071	3Ed. 9/13/75 LAST NM 24/83 (Plan B)		(24(413)84 Sydney) 38/84
	Delete	Depth 30 fathoms	16°55.80'S 149°59.00'E
		30 fathoms	16°55.75'S 149°58.85'E
		30 fathoms	16°55.65'S 149°58.60'E
	Add	Legend "Rep to lie 1 mile WSW"	16°59.00'S 149°54.00'E
		Depths 123 fathoms	16°54.41'S 149°59.65'E
		32 fathoms	16°54.72'S 149°59.50'E
		123 fathoms	16°55.27'S 149°59.25'E
		9¾ fathoms	16°55.89'S 149°59.35'E
		32 fathoms	16°55.75'S 149°58.92'E
		136 fathoms	16°55.65'S 149°58.50'E
		134 fathoms	16°57.00'S 149°55.25'E
74071	3Ed. 9/13/75 LAST NM 38/84 (Plan B)		(16(276)86 Sydney) 30/86
	Delete	Depths 30 fathoms	16°55.9'S 149°59.1'E
		30 fathoms	16°56.0'S 149°58.9'E
		50 fathoms	16°57.0'S 149°55.6'E
		40 fathoms	16°57.2'S 149°55.7'E
	Add	Depths 6½ fathoms "Rep (1985)"	16°55.9'S 149°59.0'E
		246 fathoms	16°56.1'S 149°57.7'E
		240 fathoms	16°56.4'S 149°57.1'E
		240 fathoms	16°56.7'S 149°56.6'E
		230 fathoms	16°56.8'S 149°56.1'E
		202 fathoms	16°57.1'S 149°55.7'E
		24 fathoms "Rep (1985)"	16°57.5'S 149°55.0'E
74141	4Ed. 3/10/69 LAST NM 1A/71 (Plan C)		(28(373)78 Sydney) 50/78
	Add	Stranded wreck	29°56'00"S 159°01'03"E
74141	4Ed. 3/10/69 LAST NM 50/78		(12(202)84 Sydney) 22/84
	Add	Depth 90 fathoms "Rep (1984)"	31°41.45'S 159°10.90'E
74141	4Ed. 3/10/69 LAST NM 22/84		(30(510)84 Sydney) 41/84
	Add	Depth 83 fathoms "Rep (1984)"	31°41.35'S 159°11.35'E
74141	4Ed. 3/10/69 LAST NM 41/84 (Plan B)		(7(137)86 Sydney) 15/86
	Add	Depths 129 fathoms "Rep (1985)"	29°28.9'S 156°02.1'E
		70 fathoms "Rep (1985)"	29°29.5'S 159°02.9'E
		93 fathoms "Rep (1985)"	29°29.9'S 159°03.5'E
		134 fathoms "Rep (1985)"	29°30.2'S 159°03.8'E
★74151	7Ed. 4/19/86	NEW EDITION	(DMAHTC, 20(339)86 Sydney) 27/86
	Add	Light Fl R 4s, 43ft 6M with visible sector 110°-320° (Previously published 19/86)	32°43.1'S 152°11.4'E
	Change	Visibility (range) of light to 5M	32°43.1'S 152°11.4'E
74151	7Ed. 4/19/86 LAST NM 27/86		(51(701)86 Sydney) 11/87
	Add	Dangerous submerged rock "Rep (1986)"	32°41'24"S 152°13'05"E
74151	7Ed. 4/19/86 LAST NM 11/87		(22(267)87 Sydney) 37/87
	Delete	Dangerous submerged rock "Rep (1986)" (Supersedes 11/87-74151)	32°41.4'S 152°13.1'E
	Add	Depth 2¼ fathoms	32°41'25"S 152°13'16"E
74151	7Ed. 4/19/86 LAST NM 37/87		(28(330)87 Sydney) 42/87
	Add	Wreck	33°41'14"S 151°21'29"E
			33°41'58"S 151°21'12"E
74151	7Ed. 4/19/86 LAST NM 42/87		(33(395)87 Sydney) 47/87
	Add	"Spoil Area" bound by dashed line joining	33°51.6'N 151°24.0'E
			33°52.8'N 151°25.6'E
			33°51.1'N 151°27.9'E

74151	7Ed. 4/19/86 LAST NM 47/87 Substitute	Light Fl WG 2s 246ft 5/2M with sectors green 205°-225°, white-349° for position circle "Tank"	(6(100)88 Sydney) 18/88 33°27.0'S 151°26.7'E
74151	7Ed. 4/19/86 LAST NM 18/88 Add	"Spoil Area" bound by dashed line joining	(7(113)88 Sydney) 20/88 33°51.6'S 151°24.0'E 33°52.9'S 151°24.0'E 33°52.9'S 151°27.9'E 33°51.1'S 151°27.9'E
		(Cancels 47/87-74151)	
74151	7Ed. 4/19/86 LAST NM 20/88 Delete	Depth 10 fathoms	(18(267)88 Sydney) 37/88 32°58.3'S 151°45.5'E
	Add	Anchorage prohibited symbol	32°58.3'S 151°45.4'E
74151	7Ed. 4/19/86 LAST NM 37/88 Add	Anchorage prohibited symbol	(26(381)88 Sydney) 44/88 33°53.3'S 151°18.4'E
74151	7Ed. 4/19/86 LAST NM 44/88 Change	Light to Fl 15s 151ft 27M, FR 8M	(40(555)88 Sydney) 53/88 33°16.7'S 151°34.9'E
74151	7Ed. 4/19/86 LAST NM 53/88 Delete	Depth 19 fathoms	(46(640), 47(659)88 Sydney) 5/89 33°49.4'S 151°19.6'E
	Add	Anchorage prohibited symbol Dangerous wreck	33°49.3'S 151°19.6'E 32°41.1'S 152°14.1'E
74151	7Ed. 4/19/86 LAST NM 5/89 Add	Note "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	(1(33)89 Sydney) 12/89 32°57.5'S 151°23.0'E
74151	7Ed. 4/19/86 LAST NM 12/89 Delete	"DUMPING GROUND" area centered	(7(129)89 Sydney) 20/89 32°56.2'S 151°49.7'E
	Add	"Spoil Ground" area bound by dashed line joining	32°56'22"S 151°50'30"E 32°57'02"S 151°51'30"E 32°57'50"S 151°50'45"E 32°57'06"S 151°49'44"E
74151	7Ed. 4/19/86 LAST NM 20/89 Add	"Historic Wreck (see Note)" area bound by purple composite-line circle, radius 0.3 mile, centered	(10(171)89 Sydney) 22/89 32°55.6'S 151°52.7'E
		Note "HISTORIC WRECK The site of an historic wreck is protected from unauthorized interference."	32°51.6'S 151°28.0'E
★74152	10Ed. 3/8/86	NEW EDITION	(DMAHTC) 21/86
74152	10Ed. 3/8/86 LAST NM 21/86 Substitute	Position circle "pile" for light	(36(439)87 Sydney) 49/87 32°55.41'S 151°46.33'E
	Add	Light FR 55m (occas)	32°55.917'S 151°46.906'E
74152	10Ed. 3/8/86 LAST NM 49/87 Delete	Light Jetty in vicinity	(7(114)88 Sydney) 20/88 32°53.81'S 151°47.20'E 32°53.81'S 151°47.21'E
		Submarine cable between	32°55.43'S 151°47.31'E 32°55.50'S 151°47.32'E
		Buoy (waverider)	32°54.88'S 151°48.53'E
	Relocate	Buoy (waverider) close NNE to and delete topmark	32°54.912'S 151°48.384'E

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74152	(Continued)		20/88
	Substitute	Buoy YBY, pillar, double cone topmark points together, Q(9) 15s for light	32°55.43'S 151°47.31'E
	Add	Buoy G, conical, cone topmark, Oc G 2s	32°53.808'S 151°47.197'E
74152	10Ed. 3/8/86 LAST NM 20/88		(29(427)88 Sydney) 44/88
	Delete	Depth 12.6 meters	32°55.44'S 151°45.99'E
		Legend "Maintained depth 9.1m"	32°54.70'S 151°46.21'E
	Add	Legend "(Disused)"	32°55.43'S 151°46.00'E
			32°54.72'S 151°46.22'E
74152	10Ed. 3/8/86 LAST NM 44/88		(31(459)88 Sydney) 48/88
	Change	Lights to Fl R 3s	32°53.17'S 151°47.10'E
		Fl R 3s	32°53.18'S 151°47.11'E
		Fl G 3s	32°53.17'S 151°47.15'E
		Fl G 3s	32°53.18'S 151°47.15'E
★74153	1Ed. 3/8/86	NEW CHART	(DMAHTC) 27/86
74153	1Ed. 3/8/86 LAST NM 27/86		(44(620)86 Sydney) 1/87
	Delete	Beacon "No 6"	32°52.09'S 151°46.75'E
		Bn	32°51.49'S 151°46.29'E
		Position circles "Pile A"	32°52.24'S 151°46.92'E
		"Pile"	32°51.79'S 151°46.56'E
		"Pile"	32°51.71'S 151°46.79'E
		"Pile"	32°50.08'S 151°42.79'E
	Change	Buoys, each to G, conical, cone topmark,	
		"No 12" Fl G 3s	32°51.23'S 151°44.77'E
		"No 13" Fl G 3s	32°51.00'S 151°44.18'E
		"No 15" QG	32°50.07'S 151°42.68'E
	Add	Buoy "No 6", R, can, can topmark, Fl R 3s	32°52.104'S 151°46.778'E
74153	1Ed. 3/8/86 LAST NM 1/87		(36(439)87 Sydney) 49/87
	Add	Light FR 55m (occas)	32°55.92'S 151°46.91'E
74153	1Ed. 3/8/86 LAST NM 49/87		(7(114)88 Sydney) 20/88
	Relocate	Buoys (waverider) (32°54.9'S 151°48.5'E) to	32°54.92'S 151°48.58'E
		(32°55.0'S 151°48.3'E)	32°54.91'S 151°48.38'E
	Change	Buoy to R, pillar, can topmark, Fl(2) R 6s	32°54.93'S 151°48.23'E
74153	1Ed. 3/8/86 LAST NM 20/88		(18(267)88 Sydney) 37/88
	Add	"ANCHORAGE PROHIBITED" area bound by purple composite-line circle, radius 800 meters, centered	32°58.27'S 151°45.06'E
74153	1Ed. 3/8/86 LAST NM 37/88		(31(458)888 Sydney) 48/88
	Delete	Position circle "WATER TR (conspic)"	33°00.7'S 151°43.4'E
74153	1Ed. 3/8/86 LAST NM 48/88		(Aus CH 207) 19/89
	Add	Depth 6 meters Wk	32°54.62'S 151°47.71'E
74153	1Ed. 3/8/86 LAST NM 19/89		(7(129)89 Sydney) 20/89
	Delete	"Spoil Ground" area centered	32°56.2'S 151°49.2'E
	Add	"Spoil Ground" area bound by dashed line joining	32°56.33'S 151°50.00'E
			32°57.00'S 151°51.00'E
			32°57.80'S 151°50.20'E
			32°57.08'S 151°49.20'E
74153	1Ed. 3/8/86 LAST NM 20/89		(10(171)89 Sydney) 22/89
	Add	"Historic Wreck (see Note)" area bound by purple composite-line circle, radius 0.5 mile, centered	32°55.40'S 151°52.27'E

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4153	(Continued) Add	Note "HISTORIC WRECK The site of an historic wreck is protected from unauthorized interference."	32°51.60′S 151°45.70′E
4161	3Ed. 5/26/79	NEW EDITION	(DMAHTC) 27/79
4161	3Ed. 5/26/79 LAST NM 27/79 Add	Light Fl G	(15(235)80 Sydney) 36/80 31°38.3′S 152°49.8′E
4161	3Ed. 5/26/79 LAST NM 36/80 Add	Special light: Fl Y ½s 1M	(25(372)80 Sydney) 38/80 32°42.9′S 152°08.3′E
4161	3Ed. 5/26/79 LAST NM 38/80 (And Plan A) Change	Visibility (range) of light to 17, 13M	(31(443)80 Sydney) 39/80 31°51.2′S 152°44.7′E
	(And Plan B) Change	Visibility (range) of light to 26M & 11M	32°26.2′S 152°32.3′E
4161	3Ed. 5/26/79 LAST NM 39/80 Add	Depth 17 fathoms "Rep (1982)"	(6(105)82 Sydney) 45/82 32°13′25″S 152°36′20″E
4161	3Ed. 5/26/79 LAST NM 45/82 Change	Visibility (range) of light to 23M	(BA LL) 52/83 32°45.0′S 152°12.1′E
4161	3Ed. 5/26/79 LAST NM 52/83 (And Plan B) Change	Light to Fl 7½s 258ft 26M & FR 238ft 14M and green sector to red	(6(84)85 Sydney) 19/85 32°26′20″S 152°32′24″E
4161	3Ed. 5/26/79 LAST NM 19/85 Add	Buoy (waverider), yellow spherical, Fl(5) 23s	(43(637)85 Sydney) 52/85 31°50.1′S 152°50.7′E
4161	3Ed. 5/26/79 LAST NM 52/85 Add	Light Fl R 4s 43ft 6M with visible sector 110°-320°	(12(214)86 Sydney) 19/86 32°43.1′S 152°11.3′E
4161	3Ed. 5/26/79 LAST NM 19/86 Change	Visibility (range) of light to 5M (See 19/86-74161)	(20(339)86 Sydney) 27/86 32°43.1′S 152°11.3′E
4161	3Ed. 5/26/79 LAST NM 27/86 Delete	Buoy (waverider)	(51(698, 701)86 Sydney) 11/87 31°50.1′S 152°50.7′E
	Add	Dangerous submerged rock "Rep (1986)"	32°41′12″S 152°12′50″E
		Buoy (waverider), Y, spherical, Fl(5) 20s	31°49′40″S 152°50′40″E
4161	3Ed. 5/26/79 LAST NM 11/87 Relocate	Buoy (waverider) close N to (See 11/87-74161)	(6(66)87 Sydney) 15/87 31°49′16″S 152°50′40″E
4161	3Ed. 5/26/79 LAST NM 15/87 Delete	Buoy (waverider) Supersedes 15/87-74161)	(15(180)87 Sydney) 27/87 31°49.3′S 152°50.7′E
4161	3Ed. 5/26/79 LAST NM 27/87 Delete	Dangerous submerged rock "Rep (1986)" (See 11/87-74161)	(22(267)87 Sydney) 37/87 32°41.2′S 152°12.8′E
	Add	Depth 2¼ fathoms	32°41′13″S 152°13′00″E
4161	3Ed. 5/26/79 LAST NM 37/87 Change	Light to Fl R 3s 30ft 3M	(37(517)88 Sydney) 44/88 32°10.3′S 152°30.5′E
4161	3Ed. 5/26/79 LAST NM 44/88 Add	Dangerous wreck	(47(659)88 Sydney) 5/89 32°40.9′S 152°13.8′E
*74162	3Ed. 5/10/86	NEW EDITION	(DMAHTC) 28/86

74162	3Ed. 5/10/86 LAST	NM 28/86		(26(429)86 Sydney) 34/86
	Add	Light (AERO) Iso R 2s 310m		30°16.1'S 150°06.3'E
74162	3Ed. 5/10/86 LAST	NM 34/86		(43(609)86 Sydney) 52/86
	Change	Characteristic of light to Iso R 2s		30°18.6'S 153°09.2'E
74162	3Ed. 5/10/86 LAST	NM 52/86		(50(684), 51(698)86 Sydney) 11/87
	Delete	Buoy "Wave Rider"		30°21.1'S 153°17.0'E
	Relocate	Light (AERO) close SW to		30°19'23"S 153°06'40"E
	Add	Buoy (waverider), Y, spherical, Fl(5) 20s		30°20'30"S 153°16'34"E
74162	3Ed. 5/10/86 LAST	NM 11/87		(7(73)87 Sydney) 15/87
	Add	Light (AERO) Iso R 2s 66m		30°18'45"S 153°07'50"E
74162	3Ed. 5/10/86 LAST	NM 15/87		(15(180)87 Sydney) 27/87
	Delete	Buoy (waverider) (See 11/87-74162)		30°20.5'S 153°16.6'E
74162	3Ed. 5/10/86 LAST	NM 27/87		(25(368), 29(428)88 Sydney) 44/88
	Delete	Position circle "TR"		31°26.0'S 152°55.3'E
		Legend "Tel & Sig Sta"		31°25.5'S 152°56.0'E
	Change	Lights to Iso R 2s 11m 6M		30°18.6'S 153°09.1'E
		Iso G 2s 9m 3M		31°25.6'S 152°54.9'E
74162	3Ed. 5/10/86 LAST	NM 44/88		(46(641)88 Sydney) 5/89
	Change	Light to Iso G 2s, Fl G 3s		30°18.5'S 153°08.3'E
74162	3Ed. 5/10/86 LAST	NM 5/89		(12(192)89 Sydney) 22/89
	Delete	Legends "Sig Sta" from light "Tel & Sig Sta"		30°52.9'S 153°02.5'E 30°55.3'S 153°05.2'E
★74171	3Ed. 2/21/81	NEW EDITION		(DMAHTC) 19/81
74171	3Ed. 2/21/81 LAST	NM 19/81		(21(191)81 Sydney) 46/81
	Add	R Bn (AERO)		30°18'50"S 153°07'00"E
74171	3Ed. 2/21/81 LAST	NM 46/81		(25(348)82 Sydney) 32/82
	Add	Light Qk Fl R 24ft 5M (PA)		30°18.2'S 153°08.8'E
74171	3Ed. 2/21/81 LAST	NM 32/82		(3(35)82 Sydney) 38/82
	Add	Wreck (PA)		29°17.2'S 153°28.3'E
74171	3Ed. 2/21/81 LAST	NM 38/82		(BA LL) 29/83
	Change	Characteristic of light to Iso 2s		29°53.20'S 153°16.25'E
74171	3Ed. 2/21/81 LAST	NM 29/83		(BA LL) 10/84
	Change	Characteristic of light to Iso G 2s		30°18.2'N 153°08.8'E
74171	3Ed. 2/21/81 LAST	NM 10/84		(BA LL) 12/84
	Change	Characteristic of light to Iso G 2s (Cancels 10/84-74171)		30°18.2'S 153°08.8'E
★74171	3Ed. 2/21/81 LAST	NM 12/84		(DMAHTC) 32/84
	Change	DMA Stock No. to 74BCO74171 in lower right margin of chart Note: Applicable to certain copies of this chart only		
74171	3Ed. 2/21/81 LAST	NM 32/84		(BA LL) 31/85
	Change	Characteristic of light to QR		30°18.2'S 153°08.8'E
74171	3Ed. 2/21/81 LAST	NM 31/85		(26(429)86 Sydney) 34/86
	Add	Light (AERO) Iso R 2s 1016ft		30°16.1'S 153°06.3'E
74171	3Ed. 2/21/81 LAST	NM 34/86		(43(609)86 Sydney) 52/86
	Change	Characteristic of light to Iso R 2s		30°18.2'S 153°08.8'E
74171	3Ed. 2/21/81 LAST	NM 52/86		(50(684)86 Sydney) 11/87
	Relocate	Lights (AERO) (30°16.1'S 153°06.3'E) to (30°18.3'S 153°07.1'E) (See 34/86-74171)		30°15'28"S 153°06'52"E 30°18'57"S 153°06'38"E
74171	3Ed. 2/21/81 LAST	NM 11/87		(7(73)86 Sydney) 15/87
	Add	Light (AERO) Iso R 2s 216ft		30°18'22"S 153°07'45"E

74171	3Ed. 2/21/81 LAST NM 15/87 Change	Light to Iso R 2s 36ft 6M	(25(368)88 Sydney) 44/88 30°18.2'S 153°08.8'E
74171	3Ed. 2/21/81 LAST NM 44/88 Change	Light to Iso G 2s, Fl G 3s	(46(641)88 Sydney) 5/89 30°18.0'S 153°08.2'E
★74172	3Ed. 2/16/85 Delete	NEW EDITION Buoy (wave rider)	(DMAHTC; 50(837)84 Sydney) 18/85 28°40.2'S 153°43.2'E
	Add	Buoy (wave rider), yellow, Fl(5) Y 23s	28°41.0'S 153°44.0'E
74172	3Ed. 2/16/85 LAST NM 18/85 Change	Light to Fl 15s 371ft 26M, FR 350ft 8M	(40(603)85 Sydney) 2/86 28°37.8'S 153°38.2'E
74172	3Ed. 2/16/85 LAST NM 2/86 Change	Light to Fl 15s 387ft 27M, FR 350ft 5M	(51(745)85 Sydney) 8/86 28°37.8'S 153°38.2'E
74172	3Ed. 2/16/85 LAST NM 8/86 Change	Red sector of light to 148°-189° Wreck	(4(745), 5(103)86 Sydney) 15/86 28°37.8'S 153°38.2'E 28°52.2'S 153°39.8'E
74172	3Ed. 2/16/85 LAST NM 15/86 Change	Legend "North Hd" to "Ballina Hd"	(47(647)86 Sydney) 5/87 28°51.3'S 153°36.5'E
74172	3Ed. 2/16/85 LAST NM 5/87 Delete	Buoy (waverider)	(51(698)86 Sydney) 11/87 28°41.0'S 153°44.0'E
	Add	Buoy (waverider), Y, spherical, Fl(5) 20s	28°39.6'S 153°44.8'E
74172	3Ed. 2/16/85 LAST NM 11/87 Change	Light to Fl 15s 387ft 27M, FR 350ft 8M	(8(92)87 Sydney) 16/87 28°37.8'S 153°38.2'E
74172	3Ed. 2/16/85 LAST NM 16/87 Delete	Buoy (waverider) (See 11/87-74172)	(15(180)87 Sydney) 27/87 28°39.6'S 153°44.8'E
74172	3Ed. 2/16/85 LAST NM 27/87 Add	Light (AERO) Oc R 1½s 495ft (PA)	(29(345)87 Sydney) 44/87 28°48'05"S 153°30'57"E
★74181	7Ed. 6/14/86 Change	NEW EDITION Visibility (range) of light to 24M (Previously published 27/86)	(DMAHTC) 32/86 27°02.0'S 153°27.9'E
	Add	Wreck marked by buoy, Y, can, Fl Y (Previously published 30/86)	27°55.1'S 153°26.1'E
74181	7Ed. 6/14/86 LAST NM 32/86 Substitute	Dangerous wreck for wreck and delete buoy marking wreck (See 32/86-74181)	(50(685)86 Sydney) 11/87 27°55.1'S 153°26.1'E
74181	7Ed. 6/14/86 LAST NM 11/87 Add	Buoy Y, spherical	(16(202)87 Sydney) 28/87 26°54.8'S 153°26.3'E
74181	7Ed. 6/14/86 LAST NM 28/87 Change	Light to Fl WR 4.3s 7M	(27(320)87 Sydney) 42/87 27°18.7'S 153°12.4'E
74181	7Ed. 6/14/86 LAST NM 42/87 Change	Range lights, front to Q 15m (F by day) (occas) rear to Iso 2s 23m (F by day) (occas)	(31(365)87 Sydney) 44/87 27°00.8'S 153°10.3'E 27°00.5'S 153°09.7'E
74181	7Ed. 6/14/86 LAST NM 44/87 Change	Height of light to 59m	(35(424)87 Sydney) 47/87 26°48.2'S 153°08.2'E
74181	7Ed. 6/14/86 LAST NM 47/87 Add	"Historic wreck (see note)" area bound by purple composite-line circle, radius 0.25 mile, centered	(Aus CH 814) 24/88 27°57.6'S 153°26.1'E
74181	7Ed. 6/14/86 LAST NM 24/88 Delete	Buoy	(23(342)88 Sydney) 40/88 26°51.3'S 153°09.2'E

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74181	7Ed. 6/14/86 LAST NM 40/88		
	Change	Light to Fl(3) 15s 78m 10M	(28(416)88 Sydney) 44/88 27°26.0'S 153°32.3'E
74181	7Ed. 6/14/86 LAST NM 44/88		
	Delete	Buoy "NE Fairway"	(42(583)88 Sydney) 5/89
		Beacon "EB"	26°59.3'S 153°22.8'E 27°13.9'S 153°20.1'E
		Lights	27°13.5'S 153°20.3'E 27°13.6'S 153°20.4'E 27°13.9'S 153°20.3'E
★**74182**	10Ed. 10/12/85	NEW EDITION	
	Delete	Buoys	(DMAHTC) 3/86 27°26.2'S 153°17.6'E 27°22.8'S 153°13.5'E
		(Previously published 46/85)	
	Add	Beacons,	
		G, cone topmark, Fl G 2.5s	27°22.92'S 153°13.52'E
		BRB, double ball topmark, Fl(2) 6s	27°26.16'S 153°17.36'E
		(Previously published 46/85)	
	Delete	Buoy "M5"	27°09.50'S 153°20.10'E
		(Previously published 51/85)	
	Add	Light (articulated) "M5", G,	
		cone topmark, Fl G 2.5s	27°09.60'S 153°20.09'E
		(Previously published 51/85)	
	Add	Purple dashed line joining	27°20.00'S 153°04.89'E
			27°20.00'S 153°14.30'E
			27°28.00'S 153°14.30'E
		Legend "Quarantine Limit"	27°20.10'S 153°09.00'E
		(Previously published 2/86)	
74182	10Ed. 10/12/85 LAST NM 3/86		
	Change	Legend "12.4m" to "12.2m"	(6(119)86 Sydney) 12/86 27°13.8'S 153°20.3'E
74182	10Ed. 10/12/85 LAST NM 12/86		(5(104, 106), 7(138)86 Sydney) 15/86
	Delete	Buoy	27°19.48'S 153°10.20'E
	Change	Beacon "E1" to beacon "EA", Y,	
		"X" topmark, Fl Y 3s	27°13.55'S 153°20.20'E
		Beacon "E3" to beacon "EB", Y,	
		"X" topmark, Fl Y 1½s	27°13.9'S 153°20.15'E
	Add	Buoy, R, can, can topmark, Fl R 2½s	27°19.51'S 153°09.99'E
		Beacons, G, cone topmark, Fl G 2½s	27°06.65'S 153°10.76'E
		R, can topmark, QR	27°06.73'S 153°11.92'E
74182	10Ed. 10/12/85 LAST NM 15/86		
	Relocate	Buoy "NE2" close NW to	(9(166)86 Sydney) 17/86 26°58.73'S 153°20.81'E
	Add	Buoy "E5", G, conical, Fl G 3s	27°12.86'S 153°20.03'E
		Buoy "E7", BYB, pillar,	
		double cone topmark bases together,	
		Q(3) 10s	27°14.04'S 153°19.81'E
74182	10Ed. 10/12/85 LAST NM 17/86		
	Change	Visibility (range) of light to 24M	(20(340)86 Sydney) 27/88 27°02.0'S 153°27.9'E
74182	10Ed. 10/12/85 LAST NM 27/86		
	Add	Solid line (jetty extension) between	(40(579)86 Sydney) 51/86 27°23.51'S 153°13.37'E
			27°23.42'S 153°13.31'E
		Light Fl G 4s	27°23.42'S 153°13.31'E
74182	10Ed. 10/12/85 LAST NM 51/86		
	Relocate	Buoy "S1" close S to	(48(664)86 Sydney) 6/87 27°02.84'S 153°16.16'E

74182 10Ed. 10/12/85 LAST NM 6/87
Delete — Buoys "No 1" (49(669)86 Sydney) 8/87 27°22.8'S 153°25.6'E
"No 2" 27°22.7'S 153°25.9'E
"No 3" 27°22.9'S 153°25.1'E
"No 4" 27°23.0'S 153°25.3'E
"No 10" 27°24.4'S 153°20.4'E
"No 13" 27°24.2'S 153°20.3'E

Add — Buoys, each G, conical.
"No 3" Fl G 4s 27°22.92'S 153°25.70'E
"No 5" Fl G 6s 27°23.01'S 153°25.07'E
"No 15" Fl G 2½s 27°24.32'S 153°20.32'E

Buoys "No 2", Y, spherical, Fl Y 2½s 27°22.90'S 153°25.98'E
"No 10", R, can, Fl R 2½s 27°24.43'S 153°20.09'E

Beacon "No 13", G, cone topmark, Fl G 4s 27°24.50'S 153°21.29'E

74182 10Ed. 10/12/85 LAST NM 8/87
Relocate — Light close E to (7(74)87 Sydney) 15/87 27°24.38'S 153°14.43'E

74182 10Ed. 10/12/85 LAST NM 15/87
Change — Beacon to RW, L Fl 10s and delete topmark (Aus CH 236) 21/87 27°16.9'S 153°05.1'E

74182 10Ed. 10/12/85 LAST NM 21/87
Relocate — Buoy "NE2" close NE to (25(301)87 Sydney) 40/87 26°58.63'S 153°20.87'E

74182 10Ed. 10/12/85 LAST NM 40/87
Change — Light to Fl WR 4½s 7M (27(320)87 Sydney) 42/87 27°18.7'S 153°12.4'E

74182 10Ed. 10/12/85 LAST NM 42/87
Change — Range lights.
front to Q 15m (F by day) (occas) (31(365)87 Sydney) 44/87
rear to Iso 2s 23m (F by day) (occas) 27°00.8'S 153°10.3'E

27°00.5'S 153°09.7'E

74182 10Ed. 10/12/85 LAST NM 44/87
Substitute — Beacon "No 15" G, cone topmark, Fl G 2½s for buoy (38(464)87 Sydney) 49/87 27°24.3'S 153°20.3'E
Beacon "No 10" R, can topmark, Fl R 2½s for buoy 27°24.4'S 153°20.1'E
(See 8/87-74182)

74182 10Ed. 10/12/85 LAST NM 49/87
Delete — Spoil ground centered (45(566)87 Sydney) 1/88 27°19.4'S 153°13.4'E

Add — Dashed line joining 27°19.52'S 153°14.00'E
27°20.90'S 153°14.00'E
27°21.37'S 153°14.82'E
27°21.82'S 153°14.46'E
27°20.68'S 153°12.54'E
27°19.52'S 153°12.54'E

Dashed-line arc of a circle, radius 1200 meters, centered 27°19.52'S 153°13.27'E
arc joining 27°19.52'S 153°12.54'E
27°18.88'S 153°13.27'E
27°19.52'S 153°14.00'E

Legend "Spoil Ground" 27°20.40'S 153°13.30'E

74182 10Ed. 10/12/85 LAST NM 1/88
Delete — Depths 15.9 meters (23(342)88 Sydney, BA LE) 40/88 27°06.8'S 153°20.2'E
12.2 meters 27°12.9'S 153°20.1'E

Buoys "NW7" 26°57.9'S 153°13.3'E
"E5" 27°12.9'S 153°20.0'E
"E7" 27°14.0'S 153°19.8'E

Change — Designation of beacons "M2" to "M4" 27°05.3'S 153°18.8'E
"M4" to "M8" 27°12.2'S 153°17.2'E

Add — Lights "NW7" Fl G 4s 26°57.87'S 153°13.27'E
"M6" Fl R 4s 27°06.73'S 153°20.17'E
"E5" Fl G 2½s 27°12.92'S 153°20.05'E
"E7" VQ(3) 5s 27°13.97'S 153°19.83'E
"M2" Dir Al WRG 8m 4M, Fl R 4s 27°03.56'S 153°18.72'E

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74182 10Ed. 10/12/85 LAST NM 40/88 (28(416), 29(429)88 Sydney; BA LL) 44/88

Delete	Range line and legend "Ldg Lts 030°30'" between	27°11.6'S 153°21.6'E 27°10.6'S 153°22.3'E
Change	Lights to Dir QY, Dir Iso Y 2s Dir Q 10m Dir Iso 2s 70m Fl(3) 15s 78m 10M	27°10.6'S 153°22.3'E 27°11.5'S 153°22.0'E 27°11.5'S 153°22.2'E 27°26.0'S 153°32.3'E
	Legend "Ldg Lts 072°15'" to "Ldg Lts 072°19'"	27°11.7'S 153°21.0'E
Add	Range line extending in 209°39' direction from light dashed for 500 meters, thence solid for 1750 meters	27°10.6'S 153°22.3'E
	Legend "Ldg Lts 029°39'" along above range line	27°11.0'S 153°21.9'E

74182 10Ed. 10/12/85 LAST NM 44/88 (33(484)88 Sydney) 50/88

Delete	Depth 10.6 meters	27°18.3'S 153°12.8'E
Change	Legend "Dredged to 11.6m" to "Maintained depth 12.0m"	27°21.0'S 153°11.0'E
Add	Dashed lines between	27°17.72'S 153°12.54'E 27°17.59'S 153°13.33'E
	between	27°17.80'S 153°12.38'E 27°17.54'S 153°13.24'E

74182 10Ed. 10/12/85 LAST NM 50/88 (42(583), 46(642)88 Sydney) 5/89

Delete	Buoys "NW6"	26°57.7'S 153°13.7'E
	"M1"	27°03.4'S 153°17.5'E
	"NE Fairway"	26°59.3'S 153°22.7'E
	Light "NW7" (See 40/88-74182)	26°57.9'S 153°13.3'E
Relocate	Beacons "M4" close E to	27°05.33'S 153°18.83'E
	"EA" close W	27°13.58'S 153°20.15'E
	Buoys "NE2" close SW to	26°58.74'S 153°20.70'E
	"NE4" close S	26°59.27'S 153°20.48'E
	"NE6" close N	27°00.76'S 153°20.50'E
	"NE8" close N	27°02.35'S 153°20.61'E
	"NE1" (27°04.3'S 153°21.5'E)	27°04.89'S 153°21.30'E
Substitute	Lights "NW5", Fl G 4s for buoy "NW9"	27°01.39'S 153°13.66'E
	"S1", Fl Y 4s for buoy "S1"	27°02.83'S 153°16.16'E
Change	Designation of beacon "M3" to "M7"	27°08.4'S 153°20.7'E
	Designation of lights "M5" to "M9"	27°09.6'S 153°20.1'E
	"E5" to "E3"	27°12.9'S 153°20.1'E
	"E7" to "E5"	27°14.0'S 153°19.8'E
	Characteristic of beacons "E2" to Fl R 4s	27°10.8'S 153°21.1'E
	"E4" to Fl R 2½s	27°13.6'S 153°20.4'E
	"E6" to QR	27°14.0'S 153°20.3'E
Add	Lights "NW3", Fl G 2½s	26°57.91'S 153°13.30'E
	"NW10", Fl R 4s	27°00.11'S 153°14.45'E
	"M1", QG	27°03.38'S 153°17.58'E
	"M3", Fl G 2½s	27°05.69'S 153°18.34'E
	"M5", Fl(4) Y 10s	27°07.44'S 153°20.42'E
	"E1", Fl G 4s	27°10.75'S 153°20.49'E

74182 10Ed. 10/12/85 LAST NM 5/89 (33(484), 48(680)88 Sydney) 10/89

Delete	Dashed lines between	27°17.72'S 153°12.54'E 27°17.59'S 153°13.33'E
	between	27°17.80'S 153°12.38'E 27°17.54'S 153°13.24'E
	(See 50/88-74182)	
Change	Designation of beacon "NW8" to "NW12"	27°02.3'S 153°15.4'E

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			10/89
74182	(Continued) Add	Dashed lines (dredged limits) between	27°18.72'S 153°12.54'E 27°17.59'S 153°13.33'E
		between	27°18.80'S 153°12.38'E 27°17.54'S 153°13.24'E
74182	10Ed. 10/12/85 LAST NM 10/89 Change	Legend to "Leading lights 290° & Dir lt 110°"	(2(54)89 Sydney) 16/89 27°03.0'S 153°17.0'E
	Add	Dashed line (bearing line) between	27°03.29'S 153°17.84'E 27°03.56'S 153°18.72'E
		(See 40/88-74182)	
74182	10Ed. 10/12/85 LAST NM 16/89 Delete	Light "NW5" (See 5/89-74182)	(10(172)89 Sydney) 22/89 27°01.4'S 153°13.7'E
★74183	9Ed. 11/14/87 Delete	NEW EDITION Spoil ground area	(DMAHTC; 45(566)87 Sydney) 6/88 27°19.5'S 153°12.7'E
	Add	Dashed line joining	27°20.870'S 153°12.800'E 27°20.718'S 153°12.543'E 27°19.525'S 153°12.545'E 27°19.410'S 153°12.555'E 27°19.315'S 153°12.585'E 27°19.215'S 153°12.630'E 27°19.130'S 153°12.690'E 27°19.080'S 153°12.740'E 27°19.030'S 153°12.800'E 27°19.900'S 153°12.680'E
		Legend "Spoil Ground"	
74183	9Ed. 11/14/87 LAST NM 6/88 Substitute	Solid line for dashed line joining	(16(243)88 Sydney) 33/88 27°22.67'S 153°10.01'E 27°22.84'S 153°09.86 E 27°22.85'S 153°09.88'E
	Change	Legend "Works in Progress (1986)" to "Patrick Wharf"	27°22.75'S 153°09.94'E
	Add	Berth designation "3"	27°22.75'S 153°09.92'E
74183	9Ed. 11/14/87 LAST NM 33/88 Change	Legend "Maintained depth 11.6m" to "Maintained depth 13.0m"	(33(484)88 Sydney) 50/88 27°23.28'S 153°09.38'E 27°21.86'S 153°10.28'E 27°19.90'S 153°11.65'E
	Add	Dashed line between	27°22.865'S 153°09.530'E 27°22.934'S 153°09.660'E
74183	9Ed. 11/14/87 LAST NM 50/88 Change	Light to QR	(5(105)89 Sydney) 16/89 27°24.75'S 153°08.88'E
★74184	9Ed. 2/2/85 Delete	NEW EDITION Depth 7.9 meters	(DMAHTC; Aus CH 235; 7(93)85 Sydney) 17/85 26°59'27"S 153°20'47"E
	Change	Height of light to 27m	26°48'54"S 153°07'15"E
74184	9Ed. 2/2/85 LAST NM 17/85 Add	Dangerous wreck	(33(488)85 Sydney) 41/85 26°58.4'S 153°29.5'E
74184	9Ed. 2/2/85 LAST NM 41/85 Delete	Buoy "NW2"	(44(653)85 Sydney) 51/85 26°49.9'S 153°08.9'E
	Add	Beacon "NW2", Y, "X" topmark, Fl Y 2.5s	26°49.94'S 153°08.92'E
74184	9Ed. 2/2/85 LAST NM 51/85 Add	Racon to light "NW2"	(6(118)86 Sydney) 12/86 26°49.9'S 153°08.9'E
74184	9Ed. 2/2/85 LAST NM 12/86 Relocate	Buoy "NE2" close NW to	(9(166)86 Sydney) 17/86 26°58.73'S 153°20.81'E
74184	9Ed. 2/2/85 LAST NM 17/86 Change	Visibility (range) of light to 24M	(20(340)86 Sydney) 27/86 27°02.0'S 153°27.9'E

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74184	9Ed. 2/2/85 LAST NM 27/86		(47(648)86 Sydney) 5/87
		(Plan)	
	Add	Depth 2.6 meters	26°40.854'S 153°07.806'E
74184	9Ed. 2/2/85 LAST NM 5/87		(48(664)86 Sydney) 6/87
	Relocate	Buoy "NW1" close SSW to	26°51.24'S 153°08.91'E
74184	9Ed. 2/2/85 LAST NM 6/87		(16(202)87 Sydney) 28/87
	Add	Buoy Y, spherical	26°54.8'S 153°26.3'E
74184	9Ed. 2/2/85 LAST NM 28/87		(17(215)87 Sydney) 36/87
	Change	Light to Q & QWR 15m (F by day) and sectors to red 215°-243°, white-275°	26°49.7'S 153°07.8'E
74184	9Ed. 2/2/85 LAST NM 36/87		(25(301)87 Sydney) 40/87
	Relocate	Buoy "NE2" close NE to	26°58.63'S 153°20.87'E
74184	9Ed. 2/2/85 LAST NM 40/87		(29(346), 31(365)87 Sydney) 44/87
	Delete	Depth 14.9 meters	26°49.3'S 153°10.4'E
	Change	Range lights,	
		front to Q 15m (F by day) (occas)	27°00.8'S 153°10.3'E
		rear to Iso 2s 23m (F by day) (occas)	27°00.5'S 153°09.7'E
	Add	Depths 13.2 meters	26°48.97'S 153°10.26'E
		14.3 meters	26°49.23'S 153°10.40'E
74184	9Ed. 2/2/85 LAST NM 44/87		(35(424)87 Sydney) 47/87
	Change	Height of light to 59m	26°48.2'S 153°08.2'E
74184	9Ed. 2/2/85 LAST NM 47/87		(44(542)87 Sydney) 1/88
		(Plan)	
	Delete	Depth 2.6 meters (See 5/87-74184)	26°40.85'S 153°07.81'E
	Add	Depth 1.6 meters	26°40.863'S 153°07.808'E
74184	9Ed. 2/2/85 LAST NM 1/88		(6(102)88 Sydney) 18/88
		(Plan)	
	Add	Depth 3.8 meters	26°40.844'S 153°07.396'E
74184	9Ed. 2/2/85 LAST NM 18/88		(23(342)88 Sydney; BA LL) 40/88
	Delete	Buoy "NW7"	26°57.9'S 153°13.3'E
	Substitute	Light "NW4" Fl R 4s for buoy	26°51.62'S 153°09.28'E
	Add	Lights "NW7" Fl G 4s	26°57.87'S 153°13.27'E
		"M2" Dir Al WRG 8m 4M, Fl R 4s	27°03.56'S 153°18.72'E
74184	9Ed. 2/2/85 LAST NM 40/88		(42(583), 46(642)88 Sydney) 5/89
	Delete	Buoys "NW1"	26°51.2'S 153°08.9'E
		"NW3"	26°54.5'S 153°11.0'E
		"NW5"	26°55.9'S 153°11.9'E
		"NW6"	26°57.7'S 153°13.7'E
		"M1"	27°03.4'S 153°17.5'E
		"NE Fairway"	26°59.3'S 153°22.7'E
		"NE1"	27°04.3'S 153°21.5'E
		Light "NW7" (See 40/88-74184)	26°57.9'S 153°13.3'E
	Relocate	Buoys "NE2" close SW to	26°58.74'S 153°20.70'E
		"NE4" close S	26°59.27'S 153°20.48'E
		"NE6" close N	27°00.76'S 153°20.50'E
		"NE8" close N	27°02.35'S 153°20.61'E
	Substitute	Lights "NW5" Fl G 4s for buoy "NW9"	27°01.39'S 153°13.66'E
		"S1", Fl Y 4s for buoy "S1"	27°02.83'S 153°16.16'E
	Add	Lights "NW1", QG	26°51.23'S 153°08.91'E
		"NW6", Fl R 2½s	26°53.65'S 153°10.65'E
		"NW8", Fl R 4s	26°55.73'S 153°12.08'E
		"NW3", Fl G 2½s	26°57.91'S 153°13.30'E
		"NW10", Fl R 4s	27°00.11'S 153°14.45'E
		"M1", QG	27°03.38'S 153°17.58'E

74184	9Ed. 2/2/85 LAST NM 5/89		(48(680)88 Sydney) 10/89
	Change	Designation of beacon "NW8" to "NW12"	27°02.3'S 153°15.4'E
74184	9Ed. 2/2/85 LAST NM 10/89		(2(54)89 Sydney) 16/89
	Change	Legend to "Lts in line 290°00' & . Dir lt 110°00'"	27°03.0'S 153°17.0'E
	Add	Dashed line (bearing line) between	27°03.13'S 153°17.44'E 27°03.56'S 153°18.72'E
		(See 40/88-74184)	
74184	9Ed. 2/2/85 LAST NM 16/89		(10(172)89 Sydney) 22/89
	Delete	Light "NW5" (See 5/89-74184)	27°01.4'S 153°13.7'E
★74186	6Ed. 12/19/87	NEW EDITION	(DMAHTC) 10/88
74186	6Ed. 12/19/87 LAST NM 10/88		(2(56), 3(66)88 Sydney) 14/88
	Add	Light Fl Y 2½s	27°26.353'S 153°06.967'E
	Add	(And Plan A) Light 2 Fl Y 4s	27°27.195'S 153°03.066'E
74186	6Ed. 12/19/87 LAST NM 14/88		(16(242)88 Sydney) 33/88
	Delete	(And Plan B) Buoy	27°28.59'S 153°01.32'E
74186	6Ed. 12/19/87 LAST NM 33/88		(50(717)88 Sydney) 10/89
	Add	Depths 7.9 meters 7.9 meters	27°26.808'S 153°06.112'E 27°26.783'S 153°06.193'E
74186	6Ed. 12/19/87 LAST NM 10/89		(5(105)89 Sydney) 16/89
	Substitute	Light Fl G 2½s for beacon	27°26.50'S 153°06.54'E
	Change	Light to QR	27°24.75'S 153°08.88'E
74186	6Ed. 12/19/87 LAST NM 16/89		(9(162)89 Sydney) 19/89
	Delete	Light	27°28.67'S 153°02.92'E
74186	6Ed. 12/19/87 LAST NM 19/89		(11(182)89 Sydney) 22/89
	Delete	(And Plan A) Range lights, range line and legend "Lights in line 329°12'" between	27°26.65'S 153°02.71'E 27°26.99'S 153°02.94'E
★74190	6Ed. 3/23/85	NEW EDITION	(DMAHTC) 23/85
74190	6Ed. 3/23/85 LAST NM 23/85		(15(210)85 Sydney) 28/85
	Change	Light to Q, Iso 4s	25°46.75'S 153°05.0'E
74190	6Ed. 3/23/85 LAST NM 28/85		(20(340)86 Sydney) 28/86
	Change	Visibility (range) of light to 24M	27°02.2'S 153°28.0'E
74190	6Ed. 3/23/85 LAST NM 28/86		(28(449)86 Sydney) 35/86
	Add	Wreck	24°39.7'S 152°33.2'E
74190	6Ed. 3/23/85 LAST NM 35/86		(30(468)86 Sydney) 37/86
	Change	Light to Fl 3s 231ft 18M Sig Sta	25°17.9'S 152°58.4'E
74190	6Ed. 3/23/85 LAST NM 37/86		(36(528)86 Sydney) 43/86
	Change	Visibility (range) of lightfloat to 9M	24°20.8'S 153°09.3'E
74190	6Ed. 3/23/85 LAST NM 43/86		(35(516)86 Sydney) 45/86
	Delete	Light	25°47.6'S 153°03.0'E
74190	6Ed. 3/23/85 LAST NM 45/86		(16(202)87 Sydney) 28/87
	Add	Buoy Y, spherical	26°55.2'S 153°26.5'E
74190	6Ed. 3/23/85 LAST NM 28/87		(37(453)87 Sydney) 49/87
	Delete	Light	25°17.8'S 152°58.5'E
74190	6Ed. 3/23/85 LAST NM 49/87		(3(70)89 Sydney) 16/89
	Change	Light to Dir Fl 4s	25°46.8'S 153°05.0'E

74190 6Ed. 3/23/85 LAST NM 16/89
Change — Light to Dir Iso 4s (8(143)89 Sydney) 22/89
(Supersedes 16/89-74190) 25°46.8'S 153°05.0'E

★74191 2Ed. 2/9/85 NEW EDITION
Substitute — E. cardinal light : "No 1" BYB, double cone topmark bases together, VQ(3) 5s for buoy "No 1" (DMAHTC; NVS7377/85) 20/85
Port light: "No 2", R, can topmark, QR for buoy "No 2" 24°45'19"S 152°25'57"E
(Plan) 24°45'24"S 152°25'57"E
Change — Light to Iso Bu

74191 2Ed. 2/9/85 LAST NM 20/85
Delete — Dashed-line arc of a circle and legend "Bundaberg Port Limit" between (34(515)85 Sydney) 41/85
24°43.7'S 152°22.1'E
24°48.0'S 152°26.6'E
Add — Dashed-line arc of a circle (harbor limit), radius 4.0 miles, centered
greater arc between 24°45.6'S 152°24.7'E
24°44.3'S 152°20.6'E
24°48.6'S 152°27.6'E
Legend "Bundaberg Port Limits" 24°42.7'S 152°27.6'E

74191 2Ed. 2/9/85 LAST NM 41/85
Change — Lines 5-6 of Tidal Streams note to "No vessel of 150 meters LOA and over should attempt to proceed to sea on the ebb during spring tides (16(274)86 Sydney) 30/86

74191 2Ed. 2/9/85 LAST NM 30/86
Add — Buoy Y, spherical, "X" topmark 24°46.7'S 152°21.0'E

74191 2Ed. 2/9/85 LAST NM 14/88
Add — "Spoil Ground" area bound by dashed-line circle, radius 0.5 mile, centered (1(35)88 Sydney) 14/88
24°48.20'S 152°29.60'E
(35(503)88 Sydney) 50/88

24°43.7'S 152°26.2'E

★74192 2Ed. 5/11/85 NEW EDITION
Change — Bn to beacon (minor), BRB, double ball topmark (DMAHTC; 28(410)85 Sydney) 50/85

74192 2Ed. 5/11/85 LAST NM 50/85
Change — Light to Fl(2) 10s 102m 21M, FR 104m 13M Storm Sig 23°54.0'S 152°24.8'E
Note: Red sector 188°-220 unchanged (14(250)86 Sydney) 24/86
24°01.4'S 151°45.8'E

74192 2Ed. 5/11/85 LAST NM 24/86
Add — Wreck (28(449)86 Sydney) 35/86
24°39.7'S 152°33.2'E

74192 2Ed. 5/11/85 LAST NM 35/86
Change — Visibility (range) of lightfloat to 9M (36(528)86 Sydney) 43/86
24°21.2'S 153°09.1'E

74192 2Ed. 5/11/85 LAST NM 43/86
Add — Beacon BYB, double cone topmark bases together, VQ(3) 5s (30(357)87 Sydney) 44/87

74192 2Ed. 5/11/85 LAST NM 44/87
Add — "Spoil Ground" area bound by dashed-line circle, radius 0.5 mile, centered 24°45.31'S 152°25.96'E
(35(503)88 Sydney) 50/88

74192 2Ed. 5/11/85 LAST NM 50/88
Change — Light to Fl 7½s 23m 16M 24°43.7'S 152°26.2'E
(3(71)89 Sydney) 16/89
24°07.0'S 152°42.6'E

★74200 7Ed. 5/18/85 NEW EDITION
Add — Depth 15.5 meters (DMAHTC; Aus CH 365) 30/85
24°46.1'S 153°03.0'E

74200 7Ed. 5/18/85 LAST NM 30/85
Change — Light to Fl(2) 10s 102m 21M, FR 104m 13M (Storm Signal) and delete red sector shore-118° (14(250)86 Sydney) 24/86
Note: Red sector 188°-220° unchanged 24°01.4'S 151°45.8'E

74200	7Ed. 5/18/85 LAST NM 24/86 Add	Wreck	(28(449)86 Sydney) 35/86 24°39.7′S 152°33.2′E
74200	7Ed. 5/18/85 LAST NM 35/86 Change	Visibility (range) of lightfloat to 9M	(36(528)86 Sydney) 43/86 24°21.2′S 153°09.0′E
74200	7Ed. 5/18/85 LAST NM 43/86 Change	Light to Fl 10s 47m 16M and delete obscured sector	(32(381), 34(406)87 Sydney) 47/87 23°52.0′S 151°23.4′E
		Light to Fl(2) 15s 23m 15M	23°11.2′S 151°54.2′E
74200	7Ed. 5/18/85 LAST NM 47/87 Add	Pilot station symbol	(5(94)88 Sydney) 18/88 23°24.5′S 151°00.9′E
74200	7Ed. 5/18/85 LAST NM 18/88 Add	Wreck	(16(245)88 Sydney) 33/88 23°09.7′S 151°15.4′E
74200	7Ed. 5/18/85 LAST NM 33/88 Change	Light to Fl 7½s 23m 16M	(3(71)89 Sydney) 16/89 24°06.8′S 152°42.8′E
★74201	8Ed. 3/15/86	NEW EDITION	(DMAHTC) 21/86
74201	8Ed. 3/15/86 LAST NM 21/86 Change	Light to Fl 10s 47m 16M and delete obscured sector	(34(406)87 Sydney) 47/87 23°52.0′S 151°23.4′E
74201	8Ed. 3/15/86 LAST NM 47/87 Change	Lights to	(37(454)87 Sydney) 49/87
		Q 6m (F by day) (occas)	23°52.3′S 151°21.9′E
		Iso 4s 39m (F by day) (occas)	23°52.5′S 151°22.5′E
74201	8Ed. 3/15/86 LAST NM 49/87 Delete	Buoy	(40(490)87 Sydney) 50/87 23°55.3′S 151°21.7′E
74201	8Ed. 3/15/86 LAST NM 50/87 Change	Characteristic of beacons	(14(213)88 Sydney) 33/88
		"S1" to Fl G 2s	23°54.0′S 151°30.3′E
		"S2" to Fl R 2s	23°54.2′S 151°30.5′E
		"S9" to Fl Y 2s	23°55.6′S 151°28.5′E
		"S15" to Fl Y 2s	23°55.8′S 151°26.7′E
		"S31" to Fl Y 4s	23°53.4′S 151°22.6′E
		Characteristic of beacons, each to Fl G 4s	
		"S3"	23°54.4′S 151°29.9′E
		"S5"	23°54.9′S 151°29.5′E
		"S7"	23°55.3′S 151°29.0′E
		"S11"	23°55.8′S 151°27.9′E
		"S13"	23°55.8′S 151°27.3′E
		"S17"	23°55.6′S 151°26.1′E
		"S19"	23°55.3′S 151°25.6′E
		"S21"	23°55.0′S 151°25.1′E
		"S23"	23°54.7′S 151°24.6′E
		"S25"	23°54.4′S 151°24.1′E
		"S27"	23°54.1′S 151°23.6′E
		"S29"	23°53.8′S 151°23.0′E
		Characteristic of beacons, each to Fl R 4s	
		"S4"	23°54.6′S 151°30.1′E
		"S6"	23°55.0′S 151°29.6′E
		"S8"	23°55.4′S 151°29.2′E
		"S10"	23°55.8′S 151°28.7′E
		"S12"	23°55.9′S 151°27.9′E
		"S14"	23°56.0′S 151°27.4′E
		"S16"	23°56.0′S 151°26.6′E
		"S18"	23°55.7′S 151°26.0′E
		"S20"	23°55.4′S 151°25.5′E
		"S22"	23°55.1′S 151°25.0′E
		"S24"	23°54.7′S 151°24.6′E
		"S26"	23°54.5′S 151°24.0′E
		"S28"	23°54.3′S 151°23.5′E
		"A2"	23°51.0′S 151°18.3′E
		Characteristic of lightfloat to Fl Y 2½s	23°51.1′S 151°18.3′E

74201	8Ed. 3/15/86 LAST NM 33/88		(32(476)88 Sydney) 48/88
	Add	Beacon "1" G, cone topmark, Fl G 2½s	24°03.46'S 151°38.06'E
		Beacon "2" BRB, double ball topmark, Fl(2) 4s	24°00.75'S 151°35.76'E
		(Plan Turkey Beach)	
	Add	Beacon "3" G, cone topmark, Fl G 4s	24°04.25'S 151°38.90'E
74201	8Ed. 3/15/86 LAST NM 48/88		(50(718, 719)88 Sydney) 10/89
	Delete	Pilot station symbol	23°53.17'S 151°31.39'E
		Depths 15.4 meters	23°53.90'S 151°30.60'E
		13.4 meters	23°53.78'S 151°22.55'E
		12.5 meters	23°53.40'S 151°21.89'E
		15.5 meters	23°53.03'S 151°21.48'E
		16.4 meters	23°52.62'S 151°21.04'E
		14.9 meters	23°52.12'S 151°20.43'E
		14.3 meters	23°51.93'S 151°20.26'E
		16.3 meters	23°51.71'S 151°20.04'E
	Relocate	Buoy "Fairway" close NE to	23°53.42'S 151°30.85'E
	Change	Legends to "Maintained depth 15.7m"	23°54.72'S 151°29.70'E
			23°55.92'S 151°27.10'E
			23°54.06'S 151°23.37'E
			23°52.03'S 151°20.59'E
	Add	Pilot station symbol	23°52.820'S 151°31.760'E
		Dashed lines (dredged limits) between	23°54.020'S 151°30.560'E
			23°53.760'S 151°30.830'E
		between	23°53.920'S 151°30.510'E
			23°53.690'S 151°30.770'E
		joining	23°54.231'S 151°23.512'E
			23°53.434'S 151°21.882'E
			23°51.470'S 151°19.636'E
		Range line extending in 133°33' direction from dashed for 1370 meters, thence solid for 5250 meters	23°50.910'S 151°19.080'E
		Legend "Lights in line 313°33'" along above range line	23°52.850'S 151°21.330'E
		Buoys "G4" R, can, Fl R 4s	23°51.568'S 151°19.831'E
		"G2" Y, conical, Fl Y 4s	23°53.416'S 151°21.893'E
		Legends "Maintained depth 12.5m"	23°53.600'S 151°22.300'E
		"(Minimum depth 10m)"	23°53.000'S 151°28.600'E
		"Shark lines and buoys"	23°56.600'S 151°22.700'E
★**74202**	2Ed. 10/24/81	NEW EDITION	(DMAHTC; Aus CH 247) 51/81
		(Plan A)	
	Substitute	Light star for position circle	23°34'00"S 150°55'10"E
74202	2Ed. 10/24/81 LAST NM 51/81		(23(348)85 Sydney) 31/85
	Add	Dangerous wreck (PA)	23°09.5'S 151°04.1'E
74202	2Ed. 10/24/81 LAST NM 31/85		(25(379)85 Sydney) 32/85
	Add	Light Fl Y 3s	23°34.0'S 151°00.9'E
74202	2Ed. 10/24/81 LAST NM 32/85		(34(516)85 Sydney) 41/85
	Add	Dashed line (harbor limit) joining	23°28.9'S 150°52.3'E
			23°21.8'S 150°56.6'E
			23°26.9'S 151°03.3'E
		Legend "Rockhampton Port Limit"	23°23.3'S 150°58.1'E
74202	2Ed. 10/24/81 LAST NM 41/85		(41(622)85 Sydney) 2/86
		(Plans A& B)	
	Relocate	Buoys "10" close SW to	23°34'52"S 150°51'55"E
		"12" close NW	23°35'08"S 150°51'51"E
	Add	Depth 6.1 meters	23°34'46"S 150°52'00"E

(continued on next page)

			2/86
74202	(Continued)		
		(Plan B)	23°34'52"N 150°51'54"E
	Add	Depth 7.0 meters	
			(23(379)86 Sydney) 29/86
74202	2Ed. 10/24/81 LAST NM 2/86		
		(Plans A & B)	23°34'46"S 150°52'00"E
	Delete	Depth 6.1 meters	
		(See 2/86-74202)	
			(37(537)86 Sydney) 45/86
74202	2Ed. 10/24/81 LAST NM 29/86		
		(And Plan A)	23°32.18'S 150°56.32'E
	Add	Beacon, R, can topmark	
			(47(686)85 Sydney) 36/87
74202	2Ed. 10/24/81 LAST NM 45/86		
		(And Plan A)	23°33.8'S 150°52.8'E
	Change	Light to Iso 2s	
			(35(426)87 Sydney) 47/87
74202	2Ed. 10/24/81 LAST NM 36/87		23°32.0'S 151°16.6'E
	Delete	Light	
		Range light, range line and legend "Leading Lts 121°" between	23°29.2'S 151°14.1'E 23°23.8'S 151°04.1'E
		Legend "(Storm Sig Stn)"	23°29.4'S 151°14.7'E
	Change	Light to Fl WR 5s 93m 16/13M and add sector red 307°-005°	23°29.3'S 151°14.2'E
			(44(543)87 Sydney) 1/88
74202	2Ed. 10/24/81 LAST NM 47/87		23°10.24'S 150°55.68'E
	Add	Beacons R, can topmark, Fl R 2½s	23°10.24'S 150°55.58'E
		G, cone topmark, Fl G 2½s	
			(5(94)88 Sydney) 18/88
74202	2Ed. 10/24/81 LAST NM 1/88		23°24.5'S 151°00.9'E
	Add	Pilot station symbol	
			(16(245)88 Sydney) 33/88
74202	2Ed. 10/24/81 LAST NM 18/88		23°09.7'S 151°15.4'E
	Add	Wreck	
			(37(518)88 Sydney) 44/88
74202	2Ed. 10/24/81 LAST NM 33/88		
		(Plans A & B)	
	Relocate	Buoy "10"	23°34.843'S 150°51.945'E
		(23°34'52"S 150°51'55"E) to	
			(13(231)83, 8(145)89 Sydney) 22/89
74202	2Ed. 10/24/81 LAST NM 44/88		23°31.1'S 150°56.4'E
	Delete	Depth 5.5 meters	
		Lights	23°33.8'S 150°52.8'E 23°34.0'S 150°52.6'E 23°34.6'S 150°51.9'E 23°34.7'S 150°51.7'E
	Change	Legend to "Leading lights 230°39°"	23°33.6'S 150°54.0'E
		(And Plan A)	
	Relocate	Buoys "1" close NNW to	23°31.77'S 150°56.00'E
		"6" close NE	23°31.61'S 150°56.65'E
		"8" close WNW	23°32.66'S 150°55.40'E
	Add	Buoy Y, spherical, Fl Y 3s	23°32.15'S 150°55.27'E
		Drying heights 0.1 meter	23°31.00'S 150°56.42'E
		0.7 meter	23°31.30'S 150°56.27'E
		2.2 meters	23°31.57'S 150°56.06'E
		(Plan A)	
	Delete	Depths 0.9 meter	23°31.21'S 150°56.21'E
		2.7 meters	23°31.40'S 150°56.21'E
		Drying height 1.2 meters	23°31.40'S 150°56.11'E
		Range lights, range lines and legends "Leading lights 231°" between	23°34.85'S 150°52.37'E 23°32.04'S 150°56.17'E
		"Leading lights 249°" between	23°34.74'S 150°51.68'E 23°34.17'S 150°53.29'E
		"Ldg 038°" between	23°33.82'S 150°52.80'E 23°34.95'S 150°51.82'E

(Continued on next page)

74202	(Continued)		
	Add	Drying height 1.3 meters	22/89 23°31.42'S 150°56.18'E
		Range lights, front Q 8M rear Iso 4s 10M	23°34.52'S 150°52.80'E 23°34.83'S 150°52.39'E
		Range line extending in 050°39' direction from above rear light dashed for 2110 meters, thence solid for 6480 meters	
		Legend "Leading lights 230°39'" along above range line	23°33.31'S 150°54.30'E
		Range lights, front QR 6M rear Iso 4s 8M	23°34.67'S 150°51.83'E 23°34.72'S 150°51.67'E
		Range line extending in 068°33' direction from above rear light dashed for 950 meters, thence solid for 2120 meters	
		Legend "Leading lights 248°33' along above range line	23°34.16'S 150°53.05'E
		Range lights, front QR rear Iso 2s	23°33.99'S 150°52.64'E 23°33.83'S 150°52.78'E
		Range line extending in 218° direction from above light dashed for 1650 meters, thence solid for 1000 meters	
		Legend "Ldg Lts 038"" along above range line	23°34.73'S 150°51.96'E
		(Plan B)	
	Delete	Range lights, range lines and legends "Leading lights 038"" between	23°33.90'S 150°52.72'E 23°34.95'S 150°51.84'E
		"Leading lights 249"" between	23°34.73'S 150°51.67'E 23°34.36'S 150°52.72'E
	Relocate	Light close N to	23°34.831'S 150°52.386'E
	Add	Range lights, front QR 8m 6M rear Iso 4s 12m 8M	23°34.666'S 150°51.826'E 23°34.724'S 150°51.665'E
		Range line extending in 068°33' direction from above rear light dashed for 970 meters, thence solid for 970 meters	
		Legend "Leading lights 248°33"" along above range line	23°34.400'S 150°52.510'E
		Light QR	23°33.993'S 150°52.638'E
		Dashed line between	23°33.890'S 150°52.725'E 23°34.523'S 150°52.191'E
		Solid line between	23°34.523'S 150°52.191'E 23°34.930'S 150°51.850'E
		Legend "Leading lights 038"" between	23°34.820'S 150°51.930'E 23°34.680'S 150°52.060'E
★**74204**	3Ed. 7/28/84	NEW EDITION	(DMAHTC) 41/84
74204	3Ed. 7/28/84 LAST	NM 41/84	(14(250)86 Sydney) 24/86
	Change	Light to Fl(2) 10s 102m 21M, FR 104m 13M Storm Sig and delete red sector shore-118° Note: Red sector 188°-220° unchanged	24°01.4'S 151°45.8'E

74204	3Ed. 7/28/84 LAST NM 24/86		(13(155)87 Sydney) 21/87
	Add	"Spoil Ground" area bound by dashed line joining	23°51.9'S 151°28.3'E 23°52.6'S 151°29.8'E 23°53.9'S 151°29.0'E 23°53.2'S 151°27.5'E
74204	3Ed. 7/28/84 LAST NM 21/87		(32(381)87 Sydney) 44/87
	Change	Light to Fl(2) 15s 23m 15M	23°11.2'S 151°54.2'E
74204	3Ed. 7/28/84 LAST NM 44/87		(34(406), 35(426)87 Sydney) 47/87
	Delete	Light	23°32.0'S 151°16.6'E
		Range light, range line and legend "Ldg Lts 121°" between	23°29.1'S 151°14.0'E 23°23.6'S 151°04.0'E
		Legend "S Sig Sta"	23°29.6'S 151°15.0'E
	Change	Light to Fl WR 5s 93m 16/13M and add sector red 307°-005°	23°29.2'S 151°14.2'E
		Light to Fl 10s 47m 16M and delete obscured sector	23°52.0'S 151°23.4'E
74204	3Ed. 7/28/84 LAST NM 47/87		(44(543)87 Sydney) 1/88
	Delete	Rock awash and legend "(1.2)"	23°09.3'S 150°56.3'E
	Add	Beacon BRB, double ball topmark, Fl(2) 6s	23°09.21'S 150°56.21'E
74204	3Ed. 7/28/84 LAST NM 1/88		(5(94)88 Sydney) 18/88
	Add	Pilot station symbol	23°24.5'S 151°00.9'E
74204	3Ed. 7/28/84 LAST NM 18/88		(16(244, 245)88 Sydney) 33/88
	Change	Sectors of light to red 105°-110°, white-212°, red-242°, white-304°	24°00.3'S 151°44.5'E
	Add	Wreck	23°09.7'S 151°15.4'E
74204	3Ed. 7/28/84 LAST NM 33/88		(50(718)88 Sydney) 10/89
	Delete	Pilot station symbol	23°53.8'S 151°30.7'E
	Relocate	Buoy "Fairway" close NE to	23°53.42'S 151°30.85'E
	Add	Legend "(Min depth 10m) Pilot station symbol	23°53.25'S 151°28.65'E 23°52.82'S 151°31.76'E
★74205	1Ed. 4/12/86	NEW CHART	(DMAHTC) 28/86
74205	1Ed. 4/12/86 LAST NM 28/86		(25(408)86 Sydney) 32/86
	Delete	Light	23°51.2'S 151°17.8'E
74205	1Ed. 4/12/86 LAST NM 32/86		(34(406, 407)87 Sydney) 47/87
	Relocate	Beacon "C1" close SE to	23°49.330'S 151°14.812'E
	Change	Legends "15.0 meters" to "16.0 meters" "14.7 meters" to "15.8 meters"	23°49.38'S 151°14.77'E 23°50.34'S 151°16.82'E
		Light to Fl 10s 47m 16M and delete obscured sector	23°52.00'S 151°23.40'E
74205	1Ed. 4/12/86 LAST NM 47/87		(37(454)87 Sydney) 49/87
	Change	Lights to Iso 4s 39m (F by day) (occas) Q 6m (F by day) (occas) Q 6m (F by day) (occas) Iso 4s 16m (F by day) (occas)	23°52.5'S 151°22.5'E 23°52.3'S 151°21.9'E 23°49.2'S 151°17.1'E 23°48.1'S 151°15.8'E
74205	1Ed. 4/12/86 LAST NM 49/87		(39(474)87 Sydney) 50/87
	Relocate	Beacons "C1" close NW to "C2" close SE (See 47/87-74205)	23°49.269'S 151°14.754'E 23°49.428'S 151°14.740'E
74205	1Ed. 4/12/86 LAST NM 50/87		(14(213)88 Sydney) 33/88
	Change	Characteristic of beacon "S31" to Fl Y 4s	23°53.4'S 151°22.6'E

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74205	(Continued)		Hide
	Change	Characteristic of lightfloat "A8" to Fl R 4s	23°49.8'S 151°15.3'E
		Characteristic of buoys	
		"A6" to Fl Y 4s	23°50.3'S 151°16.5'E
		"C3" to Fl G 4s	23°49.1'S 151°14.6'E
		"C5" to Fl Y 4s	23°48.5'S 151°14.1'E
		"T2" to Fl R 4s	23°48.2'S 151°12.9'E
		"T8" to Fl R 4s	23°47.6'S 151°11.4'E
		Characteristic of beacons, each to Fl G 4s	
		"A1"	23°50.8'S 151°18.4'E
		"A3"	23°50.5'S 151°17.4'E
		"A5"	23°50.1'S 151°16.5'E
		"A7"	23°49.6'S 151°15.3'E
		"C1"	23°49.3'S 151°14.8'E
		"T1"	23°47.9'S 151°12.4'E
		"T3"	23°47.7'S 151°11.9'E
		Characteristic of beacons, each to Fl R 4s	
		"A2"	23°51.0'S 151°18.3'E
		"A4"	23°50.6'S 151°17.4'E
		"T4"	23°48.0'S 151°12.4'E
		"T6"	23°47.8'S 151°11.9'E
		"C2"	23°49.4'S 151°14.7'E
		(See 50/87-74205)	
74205	1Ed. 4/12/86 LAST NM 33/88		(22(327)88 Sydney) 40/88
	Change	Light to Q	23°46.2'S 151°19.5'E
74205	1Ed. 4/12/86 LAST NM 40/88		(50(718)88 Sydney) 10/89
	Delete	Depths 14.1 meters	23°51.56'S 151°19.80'E
		16.3 meters	23°51.71'S 151°20.02'E
		14.3 meters	23°51.92'S 125°26.28'E
		16.4 meters	23°51.98'S 151°20.37'E
		14.9 meters	23°52.11'S 151°20.43'E
		13.7 meters	23°52.26'S 151°20.70'E
		15 meters	23°52.40'S 151°20.87'E
		16.4 meters	23°52.62'S 151°21.04'E
		16 meters	23°52.87'S 151°21.42'E
		15.5 meters	23°53.03'S 151°21.48'E
		15.5 meters	23°53.29'S 151°21.80'E
		12.5 meters	23°53.41'S 151°21.88'E
		15.8 meters	23°53.66'S 151°22.31'E
	Change	Legend to "Maintained Depth 15.7 meters"	23°52.45'S 151°21.30'E
		Buoy "A6" to R, can, Fl R 4s	23°50.28'S 151°16.50'E
	Add	Dashed line (dredged limit) joining	23°53.750'S 151°22.525'E
			23°53.434'S 151°21.682'E
			23°51.470'S 151°19.636'E
		Legend "Maintained Depth 12.5 meters"	23°52.610'S 151°20.980'E
		Buoys "G2" Y, conical, Fl Y 4s	23°53.416'S 151°21.893'E
		"G4" R, can, Fl R 4s	23°51.568'S 151°19.631'E
		Range line extending in 133°33' direction from light	23°49.170'S 151°17.080'E
		dashed for 6060 meters, thence	
		solid for 5250 meters	
		Legend "Lights in line 313°33'" along above range line	23°52.840'S 151°21.310'E
★74206	1Ed. 8/27/88	NEW CHART	(DMAHTC) 47/88
74206	1Ed. 8/27/88 LAST NM 47/88		(39(535)88 Sydney) 53/88
		(Plan D)	
	Add	Buoy G, conical, Fl G 2½s	23°50.10'S 151°15.00'E
		Beacon R, can topmark, Fl R 2½s	23°50.16'S 151°15.00'E

74200	1Ed. 8/27/88 LAST NM 53/88		(30/7/88 Sydney) 10/89
		(Plan D)	
	Change	Buoy "A6" to R. can. Fl R 4s	23°50.29'S 151°16.51'E
		(Plan E)	
	Delete	Depth 14.1 meters	23°51.56'S 151°19.80'E
	Add	Dashed line (dredged limit) between	23°51.593'S 151°19.772'E 23°51.456'S 151°19.618'E
		Legend "Maintained Depth 12.5m"	23°51.578'S 151°19.824'E
		Buoy "G4" R. can. Fl R 4s	23°51.568'S 151°19.831'E
*74210	6Ed. 8/1/81	NEW EDITION	(DMAHTC US LL) 41/81
	Change	Visibility (range) of light to 26-22M	21°39.4'S 150°13.0'E
74210	6Ed. 8/1/81 LAST NM 41/81		(23/33/81 Sydney) 42/81
	Delete	Stranded wreck	22°07.0'S 152°45.2'E
	Add	Stranded wreck	22°02.0'S 152°37.2'E
74210	6Ed. 8/1/81 LAST NM 42/81		(29/4/4/81 Sydney) 46/81
	Add	Purple composite lines (restricted area limit)	
		joining	23°15.4'S 152°14.7'E 22°30.0'S 151°30.0'E 23°15.4'S 151°30.0'E
		joining	23°15.4'S 152°00.0'E 23°10.0'S 151°56.0'E 23°10.0'S 151°52.0'E 23°15.4'S 151°40.1'E
		Legend "Restricted Area - A Zone (See note-Marine Park)"	23°00.0'S 151°45.0'E
		Legend "Restricted Area - B Zone (See note-Marine Park)"	23°13.0'S 151°53.0'E
		Note "NOTE GREAT BARRIER REEF MARINE PARK CAPRICORNIA SECTION General Use A ZONE-Navigation and operation of ships. B ZONE-Navigation of vessels of less than 500 Tons. A & B ZONES-Operation of aircraft above 500 ft (152m) and landing/take-off from designated areas. Servicing of navigational aids."	22°30.0'S 149°36.0'E
74210	6Ed. 8/1/81 LAST NM 46/81		(47/6/38/81 Sydney) 2/82
	Delete	Purple composite line between	23°15.4'S 151°40.1'E 23°10.0'S 151°52.0'E
		(See 46/81-74210)	
	Add	Purple composite line between	23°15.4'S 151°38.9'E 23°10.0'S 151°52.0'E
74210	6Ed. 8/1/81 LAST NM 2/82		(7/11/6/82 Sydney) 40/82
	Add	Depth 5 meters	22°06.30'S 150°12.75'E
74210	6Ed. 8/1/81 LAST NM 40/82		(51/83/83 Sydney) 8/84
	Delete	Depth 5 meters	22°06.30'S 150°12.75'E
	Substitute	Depth 5.7 meters for depth 16.4 meters	22°06.11'S 150°11.64'E
	Add	Depth 4.9 meters	22°06.51'S 150°12.87'E
74210	6Ed. 8/1/81 LAST NM 8/84		(14/242/243/83 Sydney) 13/84
	Change	Legend "Restricted Area-A Zone (See note-Marine Park)" to "Marine Park Area-A ZONE (See NOTE-Marine Park)"	23°00.0'S 151°45.0'E

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74210	(Continued)		
	Change	Legend "Restricted Area-B Zone (See note-Marine Park)" to "Area to be Avoided-B ZONE (See NOTE-Marine Park)"	13/84 23°13.0'S 151°53.0'E
		Lines 6-7 of Marine Park NOTE to "B ZONE- Area to be Avoided- By unauthorized ships with gross tonnages in excess of 500, except in emergencies."	22°49.5'S 149°33.0'E
	Add	Rock awash	22°06.0'S 150°03.1'E
74210	6Ed. 8/1/81 LAST NM 13/84		(21(350)84 Sydney BA LL) 50/84
	Delete	Light	21°31.6'S 150°09.0'E
	Change	Visibility (range) of light to 7M	21°28.0'S 150°18.5'E
74210	6Ed. 8/1/81 LAST NM 50/84		(35(541)85 Sydney) 42/85
	Change	Light to Fl 10s 70m 17M	21°39.5'S 150°13.0'E
74210	6Ed. 8/1/81 LAST NM 42/85		(45(591)85 Sydney) 1/86
	Add	Visible sector to ligh; 318°-218°	21°39.5'S 150°13.0'E
74210	6Ed. 8/1/81 LAST NM 1/86		(29(460)86 Sydney) 32/86
	Change	Visibility (range) of lights to 14M 9M	21°31.3'S 150°14.8'E 21°28.1'S 150°18.5'E
74210	6Ed. 8/1/81 LAST NM 36/86		(31(474)86 Sydney) 37/86
	Change	Visibility (range) of light to 16M	21°57.2'S 150°42.0'E
74210	6Ed. 8/1/81 LAST NM 37/86		(13(153)87 Sydney) 21/87
	Add	Light Fl 2.5s 65m 10M	22°20.3'S 150°43.1'E
74210	6Ed. 8/1/81 LAST NM 21/87		(32(381)87 Sydney) 44/87
	Change	Light to Fl(2) 15s 23m 15M	23°11.2'S 151°54.2'E
74210	6Ed. 8/1/81 LAST NM 44/87		(44(543)87 Sydney) 1/88
	Change	Note to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	23°10'S 149°36'E
	Add	Beacon BRB, double ball topmark. Fl(2) 6s	23°09.2'S 150°56.2'E
74210	6Ed. 8/1/81 LAST NM 1/88		(16(245)88 Sydney) 33/88
	Add	Wreck	23°09.7'S 151°15.4'E
74210	6Ed. 8/1/81 LAST NM 33/88		(18(269)88 Sydney) 37/88
	Delete	Depth 11 meters	22°40.4'S 150°50.5'E
	Add	Depth 6.5 meters	22°40.47'S 150°50.39'E
74210	6Ed. 8/1/81 LAST NM 37/88		(27(397)88 Sydney) 42/88
	Add	Dangerous submerged rock "Rep (1988)"	22°02.2'S 152°20.7'E
74210	6Ed. 8/1/81 LAST NM 42/88		(DMAHTC) 2/89
	Delete	Purple outline of chart 74_20 plan	21°28.6'S 149°54.0'E
74210	6Ed. 8/1/81 LAST NM 2/89		(6(112)89 Sydney) 19/89
	Add	Wreck (PA)	21°55.0'S 150°22.0'E
★**74220**	7Ed. 5/28/88	NEW EDITION	(DMAHTC 13(257)88 Sydney) 35/88
	Add	Submarine cable joining	20°16.7'S 148°47.3'E 20°16.4'S 148°47.9'E 20°19.1'S 148°51.2'E 20°18.7'S 148°51.3'E 20°20.4'S 148°56.5'E 20°21.1'S 148°56.9'E
74220	7Ed. 5/28/88 LAST NM 35/88		(50(720)88 Sydney) 10/89
	Add	Depth 23 fathoms Wk	20°80.5'S 150°21.4'E
74220	7Ed. 5/28/88 LAST NM 10/89		(6(112)89 Sydney) 19/89
	Delete	Depth 19 fathoms	21°54.9'S 150°22.3'E

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			19/89
*4220	(Continued) Add	Wreck (PA)	21°55.0'S 150°22.0'E
*4221	1Ed. 2/8/86	NEW CHART	(DMAHTC 17/86
*4221	1Ed. 2/8/86 LAST NM 17/86 Add	Beacon (minor), red diamond topmark	(2/37/86 Sydney) 33/86 20°06.3'S 150°17.3'E
*4221	1Ed. 2/8/86 LAST NM 33/86 Add	Depth 43 meters Wk	(50/720/88 Sydney) 10/89 20°30.5'S 150°21.4'E
*4229	1Ed. 11/30/85 Add	NEW CHART Buoy, BYB, pillar, double cone topmark bases together, VQ(3) 5s	(DMAHTC 410/623/85 Sydney) 7/86 21°06.10'S 149°15.23'E
*4229	1Ed. 11/30/85 LAST NM 7/86 Change	Sectors of light to red 170°05'-187.43' white-277.36', red-284.23', white-299' obsc-308', white-347.30', red-004.11', white-170°05'	(66/124/86 Sydney) 32/86 21°09.8'S 149°14.7'E
*4229	1Ed. 11/30/85 LAST NM 12/86 Change	Visibility (range) of light to 10M	(32/487/86 Sydney) 39/86 21°01.9'S 149°32.9'E
*4229	1Ed. 11/30/85 LAST NM 39/86 Change	Light to 2 F Bu (F by day)	(42/517/87 Sydney) 52/87 21°17.7'S 149°18.1'E
*4229	1Ed. 11/30/85 LAST NM 52/87 Delete	Depth 7.4 meters	(40/1/88 Sydney) 14/88 21°06.8'S 149°14.4'E
	Add	Depths 4.4 meters 7 meters	21°06.22'S 149°14.95'E 21°06.79'S 149°14.36'E
*4229	1Ed. 11/30/85 LAST NM 14/88 Delete	Depth 14.9 meters Pilot station symbol	(158/227/88 Sydney) 33/88 21°13.0'S 149°21.1'E 21°17.0'S 149°19.9'E
		Anchoring berths "1" "2"	21°17.4'S 149°20.2'E 21°14.2'S 149°20.4'E
		Purple composite line joining	21°14.5'S 149°17.8'E 21°14.5'S 149°21.2'E 21°15.5'S 149°21.1'E 21°16.9'S 149°19.0'E 21°16.6'S 149°18.9'E
	Add	Purple composite line joining	21°14.50'S 149°17.80'E 21°13.80'S 149°19.00'E 21°14.85'S 149°19.70'E 21°13.74'S 149°23.51'E 21°14.00'S 149°23.62'E 21°16.60'S 149°18.90'E
		Anchoring berths, each radius 800 meters "N1" centered "N2" "N3" "N4" "N5" "N6" "N7" "N8" "N9" "S1" "S2" "S3" "S4" "S5" "S6" "S7"	21°14.00'S 149°20.00'E 21°14.00'S 149°21.00'E 21°13.00'S 149°20.00'E 21°13.00'S 149°21.00'E 21°13.00'S 149°22.00'E 21°13.00'S 149°23.00'E 21°12.00'S 149°21.00'E 21°12.00'S 149°22.00'E 21°12.00'S 149°23.00'E 21°16.00'S 149°21.00'E 21°16.00'S 149°22.00'E 21°16.00'S 149°23.00'E 21°17.00'S 149°20.00'E 21°17.00'S 149°21.00'E 21°17.00'S 149°22.00'E 21°17.00'S 149°23.00'E
	Delete	(Plan) Purple composite line between	21°14.70'S 149°17.80'E 21°16.80'S 149°18.95'E

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74229	(Continued) Add	Purple composite line joining	(DMAHTC 33/88) 21°14.70'S 149°17.90'E 21°16.60'S 149°18.90'E 21°16.32'S 149°19.40'E
74229	1Ed. 11/30/85 LAST NM 33/88 Delete	Depth 11.6 meters	(18/27/0/88 Sydney) 37/88 21°05.7'S 149°15.7'E
	Add	"Spoil Ground" area bound by dashed line joining	21°05.22'S 149°15.65'E 21°05.43'S 149°16.37'E 21°05.95'S 149°16.20'E 21°05.73'S 149°15.48'E
★74230	5Ed. 3/10/84 Delete	NEW EDITION Legend "Wk" (Previously published 14/84)	(DMAHTC 13/220/84 Sydney) 21/84 19°18.0'S 147°38.2'E
	Add	Purple dashed-line circle, radius 0.3 mile, with legend "Historic Wreck (See Note)", centered	19°18.4'S 147°37.8'E
		Note "HISTORIC WRECK The site of an historic wreck is protected from unauthorized interference." (Previously published 14/84)	19°28.5'S 147°22.0'E
	Add	Depth 5 fathoms 1 foot "Rep (1984)"	19°01.6'S 147°33.5'E
74230	5Ed. 3/10/84 LAST NM 21/84 Add	Depth 5 fathoms 1 foot "Rep (1984)"	(13/220/84 Sydney) 22/84 19°01.6'S 147°33.5'E
74230	5Ed. 3/10/84 LAST NM 22/84 Add	Buoy (wave rider), yellow, Fl(5) Y 20s	(15/260/84 Sydney) 23/84 19°55.4'S 148°10.8'E
74230	5Ed. 3/10/84 LAST NM 23/84 Substitute	Light symbol for lighted buoy symbol Note: Legend "Fl(2) 6s 4M" remains	(DMAHTC) 1/85 20°13'30"S 148°45'25"E
74230	5Ed. 3/10/84 LAST NM 1/85 Add	Pilot station symbol	(34/597/84 Sydney) 4/85 19°48.22'S 148°04.59'E
		Anchorage symbol (large vessels)	19°49'07"S 148°06.28'E
74230	5Ed. 3/10/84 LAST NM 4/85 Add	Lights Fl 4s 184ft 12M 3 FG	(48/797/84 Sydney) 6/85 19°53.3'S 148°04.8'E 19°51.4'S 148°05.3'E
74230	5Ed. 3/10/84 LAST NM 6/85 Delete	Dotted line and legend "Lights in line 291°" between	(50/840/84 Sydney) 11/85 19°16.0'S 147°13.7'E 19°11.2'S 147°01.0'E
		Sector limits (281°-301°) and legends "Q 150ft 11M", "intensified" and "Arc of light" from light	19°11.2'S 147°01.0'E
74230	5Ed. 3/10/84 LAST NM 11/85 Delete	Light and sector limits	(5/73/85 Sydney) 19/85 20°01'14"S 148°16'36"E
	Add	Light Fl WR 4s 89ft 10/8M with red sector 153°-162°	20°02'03"S 148°17'36"E
74230	5Ed. 3/10/84 LAST NM 19/85 Delete	Buoy	(14/190/85 Sydney) 27/85 19°36.6'S 147°50.3'E
74230	5Ed. 3/10/84 LAST NM 27/85 Delete	Light	(45/661-663/85 Sydney) 1/86 20°01.5'S 148°15.3'E
	Change	Characteristic of light to Fl(2) 10s Light to Fl 5s 358ft 9M	20°01.1'S 148°37.8'E 20°15.1'S 149°10.7'E
74230	5Ed. 3/10/84 LAST NM 1/86 Add	Obscured sector 232°-236° to light	(5/109/86 Sydney) 15/86 20°02.1'S 148°17.6'E
74230	5Ed. 3/10/84 LAST NM 15/86 Delete	Light	(9/168/86 Sydney) 16/86 19°29.5'S 147°31.2'E

(continued on next page)

74230	(Continued) Add		Light Fl 2½s (PA)
74230	5Ed. 3/10/84 LAST NM 16/86 Change		Light to Fl(3) 20s 85ft 17M
	Add		Racon at light
74230	5Ed. 3/10/84 LAST NM 20/86 Add		Depths 9½ fathoms "Rep (1986)" 10 fathoms "Rep (1986)"
74230	5Ed. 3/10/84 LAST NM 34/86 Change		Visibility (range) of light to 16M
74230	5Ed. 3/10/84 LAST NM 36/86 Delete		Light
74230	5Ed. 3/10/84 LAST NM 41/86 Delete		R Bn (AERO)
	Add		R Bn (AERO)
74230	5Ed. 3/10/84 LAST NM 47/86 Add		Depth 8½ fathoms "Rep (1987)"
74230	5Ed. 3/10/84 LAST NM 31/87 Delete		Depths 5 fathoms "Rep(1975)" 10 fathoms (no bottom found) 10 fathoms (no bottom found) 9 fathoms "Probably. (1886)"
	Add		Depths 2¾ fathoms (SD) 4 fathoms (SD) 5¼ fathoms (SD) 3½ fathoms (SD) 11 fathoms (SD) 6½ fathoms (SD)
74230	5Ed. 3/10/84 LAST NM 47/87 Delete		Depth 8½ fathoms "Rep (1987)" (See 31/87-74230)
	Add		Depth 8½ fathoms "Rep (1987)"
74230	5Ed. 3/10/84 LAST NM 49/87 Change		Visibility (range) of light to 15/12M
74230	5Ed. 3/10/84 LAST NM 1/88 Change		Light to Fl(4) 20s 116ft 11M Racon
74230	5Ed. 3/10/84 LAST NM 14/88 Add		Depths 4½ fathoms (SD) 2¼ fathoms (SD) 5¼ fathoms (SD)
			Light FG
74230	5Ed. 3/10/84 LAST NM 24/88 Add		Depths 4½ fathoms (SD) 23 fathoms 10 fathoms (SD) 6¾ fathoms (SD) 2¾ fathoms (SD) 15 fathoms 25 fathoms
74230	5Ed. 3/10/84 LAST NM 32/88 Delete		Bn
74230	5Ed. 3/10/84 LAST NM 37/88 Add		Dangerous submerged rock
74230	5Ed. 3/10/84 LAST NM 44/88 Delete		Depth 9½ fathoms "Rep (1986)"
	Add		Depth 10¾ fathoms

16/86
19°31.2'S 147°31.9'E

(3(66, 67)86 Sydney) 20/86
18°46.4'S 146°43.3'E

19°19.8'S 147°25.8'E

(26(433)86 Sydney) 34/86
18°55.0'S 148°30.9'E
18°57.3'S 148°38.2'E

(29(461)86 Sydney) 36/86
18°46.4'S 146°43.3'E

(33(496)86 Sydney) 41/86
20°03.9'S 148°53.2'E

(38(555)86 Sydney) 47/86
19°15.3'S 146°47.9'E

19°15.2'S 146°45.9'E

(21(259)87 Sydney) 31/87
19°33.6'S 147°51.8'E

(33(397)87 Sydney) 47/87
18°46.9'S 148°08.0'E
18°51.0'S 148°15.6'E
18°52.8'S 148°11.8'E
18°49.9'S 148°12.3'E

18°47'50"S 148°07'15"E
18°48'50"S 148°07'15"E
18°49'20"S 148°11'35"E
18°53'22"S 148°12'05"E
18°51'20"S 148°15'30"E
18°52'50"S 148°24'00"E

(38(466)87 Sydney) 49/87
19°33.6'S 147°51.8'E

19°35.2'S 147°50.7'E

(45(567)87 Sydney) 1/88
19°11.3'S 147°01.9'E

(1(36)88 Sydney) 14/88
19°19.6'S 147°25.7'E

(9(137, 138)88 Sydney) 24/88
19°02.8'S 148°05.5'E
19°02.7'S 148°15.7'E
19°13.7'S 148°14.5'E

20°15.3'S 148°50.2'E

(14(215)88 Sydney) 32/88
19°04.1'S 148°39.4'E
19°01.9'S 148°53.7'E
19°07.7'S 149°07.4'E
19°14.6'S 149°21.5'E
19°26.0'S 149°25.1'E
19°22.7'S 149°31.2'E
19°25.0'S 149°43.1'E

(18(271)88 Sydney) 37/88
18°45.3'S 147°16.3'E

(24(357)88 Sydney) 44/88
18°59.9'S 146°41.4'E

(MC NM8(188/88) 2/89
18°55.0'S 148°30.9'E

18°55.0'S 148°31.0'E

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74230 5Ed. 3/10/84 LAST NM 2/89

Add — Dangerous wreck (48(6911); 50(721)88 Sydney) 10/88
19°55.8'S 148°16.5'E
20°04.0'S 148°34.2'E
(PA)

★74231 6Ed. 7/27/85 — NEW EDITION (DMAHTC; Aus CH 250; BA LL 26(439)84 Sydney) 40/85

Change — (Plan Approaches to Port of Mackay)
Buoys to R. can. Fl R 2½s
BYB. pillar. Q(3) 10s
(Previously published 32/85)
21°05.18'S 149°14.16'E
21°08.50'S 149°14.76'E

Delete — Dashed line (harbor limit) between
21°10.92'S 149°12.03'E
21°10.92'S 149°16.72'E

Change — Light to Fl G 2½s
21°08.94'S 149°13.18'E

Add — Light flare symbols to light stars
21°06.51'S 149°13.39'E
21°06.52'S 149°13.29'E

Change — (Plan Approaches to Port of Bowen)
Height of light to 27m
20°02.05'S 148°17.50'E

Change — (Plan Mackay Outer Harbour)
Range line to dashed line extending from rear light (FR) on Main Breakwater in 008°30' direction for 1100 meters, thence solid for 320 meters

Add — Berth. designation "1", 310 meters 258°30' from above rear light

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74231 6Ed. 7/27/85 LAST NM 40/85 (34(519)85 Sydney) 41/85

Add — (Plan Approaches to Port of Bowen)
Dashed line (harbor limit) between
19°58.55'S 148°15.54'E
20°01.26'S 148°21.83'E

Legend "Bowen Port Limits"
20°00.32'S 148°19.50'E

74231 6Ed. 7/27/85 LAST NM 41/85 (266439)84; 25(380)85 Sydney) 44/85

Delete — (Plan Approaches to Port of Mackay)
Dashed line (harbor limit) between
21°10.92'S 149°12.83'E
21°10.92'S 149°16.72'E

Change — Buoy to BYB. pillar. Q(3) 10s
(See 40/85-74231)
21°08.17'S 149°14.76'E

74231 6Ed. 7/27/85 LAST NM 44/85 (45(663)85 Sydney) 1/86

Add — (Plan Approaches to Port of Bowen)
Buoy "M2". R. pillar. Fl R 4s
20°02.45'S 148°15.61'E

(Plans Approaches to Port of Bowen and Bowen)

Delete — Light
20°01.51'S 148°15.08'E

Change — Designation of buoy "M2" to "M4"
20°01.75'S 148°15.17'E

74231 6Ed. 7/27/85 LAST NM 1/86 (39(592); 41(623)85 Sydney) 2/86

Delete — (Plan Approaches to Port of Mackay)
Depth 6.4 meters
21°06.45'S 149°15.05'E

Add — Buoy BYB. pillar.
double cone topmark bases together.
VQ(3) 5s
21°06.10'S 149°15.23'E

74231 6Ed. 7/27/85 LAST NM 2/86 (6(124)86 Sydney) 12/86

Change — (Plan Approaches to Port of Mackay)
Sectors of light to red 170°05'-187°43', white-277°36', red-284°23', white-299°, obsc-308°, white-347°30', red-004°11', white-170°05'
21°09.8'S 149°14.7'E

74231 6Ed. 7/27/85 LAST NM 12/86 (4(87)86 Sydney) 15/86

Delete — (Plan Approaches to Port of Bowen)
Buoy "N3"
20°01.8'S 148°16.1'E

Add — Beacon "N3". G. Fl G 2½s
20°01.82'S 148°16.06'E

*4231	6Ed. 7/27/85 LAST NM 15/86		(110/1986 Sydney) 18/86
		(Plan Approaches to Port of Bowen)	
	Add	Buoy (mooring) "No. 1"	20°02.80'S 148°15.80'E
		"No. 2"	20°03.20'S 148°16.25'E
*4231	6Ed. 7/27/85 LAST NM 18/86		(172/1986 Sydney) 26/86
		(Plans Approaches to Port of Mackay & Mackay Outer Harbor)	
	Change	Lights to FR 14m 12M (F by day)	21°06.03'S 149°13.38'E
		FR 19m 5M (F by day)	21°06.73'S 149°13.14'E
*4231	6Ed. 7/27/85 LAST NM 26/86		(240/1986 Sydney) 33/86
		(Plan Approaches to Port of Bowen)	
	Change	Range light, rear to	
		FG 12m 4M (F by day)	20°01.12'S 148°14.80'E
		(Plan Bowen)	
	Add	Range light, front	
		FG 3m 4M (F by day)	
		870 meters 149° from rear light	20°01.12'S 148°14.80'E
*4231	6Ed. 7/27/85 LAST NM 33/86		(159/1986 Sydney) 29/86
		(Plan Approaches to Port of Mackay)	
	Delete	Depth 7.8 meters	21°06.59'S 149°15.10'E
	Add	Depth 8.3 meters	21°06.62'S 149°15.10'E
*4231	6Ed. 7/27/85 LAST NM 29/87		(148/1988 Sydney) 14/88
		(Plan Approaches to Port of Mackay)	
	Delete	Depth 7.4 meters	21°06.8'S 149°14.4'E
	Add	Depths 4.4 meters	21°06.22'S 149°14.95'E
		8.1 meters	21°06.73'S 149°15.13'E
		7 meters	21°06.79'S 149°14.36'E
*4231	6Ed. 7/27/85 LAST NM 14/88		(186/1988 Sydney) 37/88
		(Plan Approaches to Port of Mackay)	
	Add	"Spoil Ground" area bound by	
		dashed line joining	21°05.22'S 149°15.65'E
			21°05.43'S 149°16.37'E
			21°05.95'S 149°16.20'E
			21°05.73'S 149°15.48'E
		(Plan Approaches to Port of Bowen)	
	Delete	Rock awash	20°01.48'S 148°16.49'E
		Range line and legend	
		"Leading lights 315°" between	20°00.98'S 148°14.12'E
			20°03.45'S 148°16.74'E
		Range line and legend	
		"Leading lights 247°" between	20°04.15'S 148°15.22'E
			20°02.62'S 148°15.46'E
		Dashed lines between	20°02.41'S 148°15.67'E
			20°02.87'S 148°16.13'E
		between	20°02.41'S 148°15.62'E
			20°02.88'S 148°16.11'E
	Relocate	Buoys "N1" close NNE to	20°01.40'S 148°16.56'E
		"N2" close E	20°01.33'S 148°16.92'E
		"M2" close SE	20°02.48'S 148°15.65'E
		"M5" close S	20°02.44'S 148°15.69'E
		Beacon "N3" close N to	20°01.80'S 148°16.05'E
		Lights close E to	20°04.16'S 148°15.27'E
		close S	20°04.08'S 148°15.46'E
	Change	Legend "Dredged to 7m" to	
		"Dredged to 7m (1980)"	20°02.05'S 148°15.40'E
	Add	Depth 4.4 meters	20°01.44'S 148°16.75'E
		Rock awash	20°01.46'S 148°16.46'E
		Range line extending in 135°28'	
		direction from rear light	20°00.98'S 148°14.12'E
		dashed for 3790 meters, thence	
		solid for 2830 meters	

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74231	(Continued)		
	Add	Legend "Leading lights 315°28'" along above range line	37/86 20°03.25'S 148°16.52'E
		Range line extending in 066°45' direction from rear light dashed for 2880 meters, thence solid for 3300 meters	20°04.16'S 148°15.27'E
		Legend "Leading lights 246°45'" along above range line	20°02.92'S 148°18.26'E
74231	6Ed. 7/27/85 LAST NM 37/88		(2(555)89 Sydney) 19/89
	Add	(Plan Approaches to Port of Mackay) Chartlet, depicting changes in hydrography and topography, from back of Section I	21°05.6'S 149°14.1'E
		(Plan Mackay Outer Harbour) Distances and bearings from rear range light in NW quadrant of plan	
	Add	Chartlets, depicting changes in hydrography and topography, from back of Section I (A) 700 meters 154° (B) 1250 meters 119°	
74231	6Ed. 7/27/85 LAST NM 19/89		(6(118)89 Sydney) 20/89
	Add	(Plan Approaches to Port of Mackay) Depth 4.4 meters (See 19/89-74231)	21°6.22'S 149°14.95'E
★**74232**	8Ed. 4/26/86	NEW EDITION	(DMAHTC 20(342)86 Sydney) 28/86
	Change	Characteristic of light to QR	19°15.3'S 146°50.9'E
74232	8Ed. 4/26/86 LAST NM 28/86		(25(411)86 Sydney) 32/86
	Delete	Dashed line and legend "Quarantine Line" between	19°12.4'S 146°50.5'E 19°13.1'S 146°51.8'E
	Add	Purple dashed lines between	19°11.50'S 146°46.45'E 19°09.79'S 146°48.24'E
		between	19°09.37'S 146°52.28'E 19°11.00'S 147°00.75'E
		Legends "Quarantine Line"	19°10.90'S 146°47.17'E 19°10.20'S 146°55.85'E
74232	8Ed. 4/26/86 LAST NM 32/86		(3(555)86 Sydney) 47/86
	Delete	R Bn (AERO)	19°15.2'S 146°47.0'E
	Add	R Bn (AERO)	19°14.90'S 146°45.75'E
74232	8Ed. 4/26/86 LAST NM 47/86		(45(567)87 Sydney) 1/88
	Change	Visibility (range) of light to 15/12M	19°11.1'S 147°00.9'E
74232	8Ed. 4/26/86 LAST NM 1/88		(28(417)88 Sydney) 44/88
	Relocate	Legends "Quarantine Line" close WNW to "PORT OF TOWNSVILLE LIMIT" close NW	19°09.80'S 146°54.10'E 19°07.60'S 146°55.40'E
	Add	"Spoil Ground" area bound by dashed line joining	19°10.65'S 146°54.88'E 19°08.15'S 146°56.48'E 19°08.72'S 146°57.47'E 19°11.22'S 146°55.85'E
★**74240**	6Ed. 9/19/81	NEW EDITION	(DMAHTC) 45/81
	Add	Depths 10 fathoms 9¼ fathoms (Previously published 34/80)	19°00.6'S 146°45.8'E 19°10.5'S 147°12.4'E
	Delete	Reef (Previously published 40/81)	17°39.2'S 146°43.1'E

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			45/81
74240	(Continued) Add	Depths 5 fathoms	17°40.0'S 146°38.9'E
		8 fathoms	17°39.6'S 146°37.4'E
		22 fathoms	17°37.9'S 146°37.4'E
		20 fathoms	17°38.3'S 146°43.8'E
		20 fathoms	17°36.7'S 146°42.1'E
		Reef which uncovers, radius 0.3 mile, centered	17°40.3'S 146°42.9'E
		(Previously published 40/81)	
	Substitute	Depth 9¼ fathoms (unsurveyed) for 9¾ fathoms	18°42.1'S 146°32.6'E
74240	6Ed. 9/19/81 LAST NM 45/81 Change	Light to Fl(3) 15s 92ft 12M	(13(190)82 Sydney) 26/82 18°13.0'S 147°01.3'E
74240	6Ed. 9/19/81 LAST NM 26/82 Add	Submarine cable between	(30(399)82 Sydney) 41/82 17°56.3'S 146°06.0'E 17°56.6'S 146°08.2'E
74240	6Ed. 9/19/81 LAST NM 41/82 Add	Depths 15 fathoms	(BA CH 2349) 11/83 17°58.3'S 146°34.6'E
		17 fathoms	18°32.2'S 147°14.5'E
74240	6Ed. 9/19/81 LAST NM 11/83 Add	Depth 5 fathoms "Rep (1982)"	(45(621)82 Sydney) 19/83 19°00.0'S 147°31.2'E
74240	6Ed. 9/19/81 LAST NM 19/83 Add	Depths 20 fathoms, sand	(BA CH 2439; 41(669, 670)83 Sydney) 50/83 18°42'15"S 147°10'00"E
		19 fathoms "Rep (1982)"	18°10'24"S 146°43'00"E
		Pilot station symbol	18°30'00"S 146°24'00"E
74240	6Ed. 9/19/81 LAST NM 50/83 Add	Bn Ra Ref (PA)	(46(763)83 Sydney) 3/84 18°37.0'S 147°16.8'E
74240	6Ed. 9/19/81 LAST NM 3/84 Add	Bn (PA)	(51(837)83 Sydney) 8/84 18°38.25'S 147°03.10'E
74240	6Ed. 9/19/81 LAST NM 8/84 Add	Bn	(2(42)84 Sydney) 9/84 18°26.2'S 146°59.6'E
74240	6Ed. 9/19/81 LAST NM 9/84 Delete	Legend "Wreck"	(5(109)84 Sydney; NVS6317/81) 14/84 19°18.0'S 147°36.7'E
	Add	Purple dashed-line circle, radius 0.3 mile, with legend "Historic Wreck (see Note)", centered	19°18.3'S 147°37.5'E
		Note "HISTORIC WRECK The site of an historic wreck is protected from unauthorized interference."	19°12.7'S 146°12.0'E
	Change	Note to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	18°01.0'S 147°53.0'E
74240	6Ed. 9/19/81 LAST NM 14/84 Add	Buoy (wave rider), Y, spherical, Fl(5) Y 20s	(13(222)84 Sydney) 22/84 19°09.6'S 147°03.9'E
74240	6Ed. 9/19/81 LAST NM 22/84 Add	Pilot station symbol	(35(615)84 Sydney) 1/85 18°13.0'S 147°06.5'E
74240	6Ed. 9/19/81 LAST NM 1/85 Delete	Dotted line and legend "Lts in line 291°" between	(50(840)84 Sydney) 11/85 19°16.2'S 147°14.1'E 19°11.3'S 147°01.0'E
		Sector limits (281°-301° and 287°-295°) and legends "Q 150ft 11M", "intensified" and "Arc of...light" from light	19°11.3'S 147°01.0'E (BA CH 2349) 47/85
74240	6Ed. 9/19/81 LAST NM 11/85 Add	Depth 15 fathoms	18°44.0'S 146°55.2'E

74240	6Ed. 9/19/81 LAST NM 47/85		(42(630)85 Sydney) 1/86
	Add	Depths $8\frac{1}{2}$ fathoms "Rep (1985)"	17°41.4'S 146°48.5'E
		$3\frac{3}{4}$ fathoms "Rep (1985)"	17°53.9'S 146°49.7'E
		$6\frac{1}{2}$ fathoms "Rep (1985)"	17°55.4'S 146°51.0'E
74240	6Ed. 9/19/81 LAST NM 1/86		(49(717)85 Sydney) 11/86
	Delete	Depth $8\frac{1}{2}$ fathoms "Rep (1985)"	17°41.4'S 146°48.5'E
		(See 1/86-74240)	
74240	6Ed. 9/19/81 LAST NM 11/86		(3(66, 67)86 Sydney) 20/86
	Change	Light to Fl(3) 20s 85ft 17M	18°46.4'S 146°43.3'E
	Add	Racon at light	19°19.7'S 147°25.8'E
74240	6Ed. 9/19/81 LAST NM 20/86		(29(461)86 Sydney) 36/86
	Change	Visibility (range) of light to 10M	18°46.4'S 146°43.3'E
74240	6Ed. 9/19/81 LAST NM 36/86		(38(555, 556)86 Sydney) 47/86
	Delete	Depth 10 fathoms	18°58.3'S 146°39.4'E
		R Bn (AERO)	19°15.3'S 146°47.7'E
	Add	Depth 5 fathoms "Rep (1986)"	18°58.2'S 146°39.4'E
		R Bn (AERO)	19°15.2'S 146°45.7'E
74240	6Ed. 9/19/81 LAST NM 47/86		(33(397)87 Sydney) 47/87
	Delete	Depths 5 fathoms "Rep (1975)"	18°47.0'S 148°07.9'E
		10 fathoms (no bottom found)	18°50.9'S 148°15.5'E
		10 fathoms (no bottom found)	18°53.0'S 148°12.0'E
		9 fathoms "Probably...1886"	18°49.8'S 148°12.3'E
	Add	Depths $2\frac{3}{4}$ fathoms (SD)	18°47'40"S 148°07'20"E
		4 fathoms (SD)	18°48'40"S 148°07'20"E
		$5\frac{1}{4}$ fathoms (SD)	18°49'30"S 148°11'30"E
		$3\frac{1}{2}$ fathoms (SD)	18°53'20"S 148°12'15"E
		11 fathoms (SD)	18°51'20"S 148°15'30"E
74240	6Ed. 9/19/81 LAST NM 47/87		(45(567)87 Sydney) 1/88
	Change	Visibility (range) of light to 15/12M	19°11.3'S 147°00.9'E
74240	6Ed. 9/19/81 LAST NM 1/88		(1(36)88 Sydney) 14/88
	Change	Light to Fl(4) 20s 118ft 11M Racon	19°19.7'S 147°25.8'E
74240	6Ed. 9/19/81 LAST NM 14/88		(9(138, 139), 10(159)88 Sydney) 24/88
	Add	Depths $1\frac{1}{4}$ fathoms "Rep (1988)"	18°37.3'S 147°46.3'E
		$4\frac{1}{2}$ fathoms (SD)	19°03.0'S 148°05.4'E
		Position circle "Floating Hotel" (PA)	18°37.5'S 147°03.2'E
74240	6Ed. 9/19/81 LAST NM 24/88		(14(216), 17(259)88 Sydney) 32/88
	Delete	Depths $3\frac{3}{4}$ fathoms "Rep (1985)"	17°53.9'S 146°49.7'E
		$6\frac{1}{2}$ fathoms "Rep (1985)"	17°55.4'S 146°51.0'E
	Change	Visibility (range) of light to 10M	18°13.0'S 147°01.3'E
	Add	Depths $7\frac{1}{4}$ fathoms (SD)	17°40.7'S 146°37.6'E
		$7\frac{1}{4}$ fathoms (SD)	17°41.1'S 146°38.7'E
		$3\frac{1}{2}$ fathoms (SD)	17°42.0'S 146°34.6'E
		$6\frac{3}{4}$ fathoms (SD)	17°43.8'S 146°32.8'E
		9 fathoms (SD)	17°44.6'S 146°38.4'E
		$4\frac{3}{4}$ fathoms (SD)	17°45.3'S 146°40.8'E
		$8\frac{1}{2}$ fathoms (SD)	17°45.9'S 146°37.2'E
		25 fathoms	17°45.6'S 146°46.7'E
		$2\frac{1}{2}$ fathoms (SD)	17°52.0'S 146°37.8'E
		21 fathoms	17°48.7'S 146°46.7'E
		17 fathoms (SD)	17°51.0'S 146°48.0'E
		$2\frac{1}{2}$ fathoms (SD)	17°53.9'S 146°49.6'E
		$5\frac{3}{4}$ fathoms (SD)	17°55.7'S 146°51.0'E
		21 fathoms	17°55.4'S 146°52.8'E
		18 fathoms	17°56.9'S 146°54.3'E
		17 fathoms	17°57.8'S 146°54.9'E
		Dangerous submerged rock	17°43.9'S 146°31.3'E
74240	6Ed. 9/19/81 LAST NM 32/88		(18(271, 272)88 Sydney) 37/88
	Delete	Bns	18°45.3'S 147°16.2'E
			18°37.0'S 147°16.8'E
		Depth 2 fathoms	18°33.2'S 147°14.2'E
	Change	Light to Fl(2) 8s 30ft 10M	18°28.9'S 146°52.7'E
	Add	Rock awash	18°32.7'S 147°13.7'E

74[illegible]	6Ed. 9/19/81 LAST NM 37/88		
	Add	Dangerous submerged rock	(24(357)88 Sydney) 44/88 18°59.9'S 146°41.4'E
74[illegible]	6Ed. 9/19/81 LAST NM 44/88		
	Change	Light to Fl(4) 16s 170ft 10M	(33(485)88 Sydney) 50/88 18°09.5'S 146°18.5'E
74[illegible]	6Ed. 9/19/81 LAST NM 50/88		
	Change	Light to Fl 5s 285ft 10M	(41(572)88 Sydney) 53/88 17°40.7'S 146°10.9'E
74[illegible]	6Ed. 9/19/81 LAST NM 53/88		
	Delete	Depths 28 fathoms 1¼ fathoms "Rep (1988)" (See 24/88-74240)	(MCNM8188/88) 2/89 18°51.3'S 148°09.8'E 18°37.3'S 147°46.3'E
	Add	Depths 2¼ fathoms 2½ fathoms	18°37.0'S 147°45.9'E 18°51.5'S 148°09.7'E
		NEW EDITION	
*74251	6Ed. 9/29/84		(DMAHTC, 36(634), 48(799)84 Sydney) 7/85
	Add	Light Fl 2.5s 3m 5M	17°30.46'S 146°04.59'E
	Delete	(Plan Gladys Inlet) Rear range light	17°30.4'S 146°04.5'E
		Range line and legend "Leading Lights 307°30'" between	17°30.4'S 146°04.5'E 17°31.2'S 146°05.7'E
	Change	Light to Fl 2.5s 3m 5M	17°30.45'S 146°04.58'E
74251	6Ed. 9/29/84 LAST NM 7/85		(30(447)85 Sydney) 39/85
	Change	Note (navigation marks) to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	17°34.0'S 145°38.0'E
	Change	(Plan Gladys Inlet) Buoy to R, can, Fl R 3s	17°30.5'S 146°04.6'E
74251	6Ed. 9/29/84 LAST NM 39/85		(33(499)85 Sydney) 41/85
	Relocate	(Plan Mourilyan Harbor) Buoys close NW to SSE S	17°36.185'S 146°07.478'E 17°36.227'S 146°07.385'E 17°36.210'S 146°07.311'E
74251	6Ed. 9/29/84 LAST NM 41/85		(34(523)85 Sydney) 42/85
	Relocate	(Plan Gladys Inlet) Buoy close ENE to and change designation to "2"	17°30.44'S 146°04.71'E
74251	6Ed. 9/29/84 LAST NM 42/85		(51(704)86 Sydney) 11/87
	Add	(Plan Mourilyan Harbour) Light Fl 2½s	17°36.13'S 146°07.55'E
		Light Fl Y 2½s to buoys	17°36.18'S 146°07.48'E 17°36.23'S 146°07.38'E 17°36.21'S 146°07.31'E
74251	6Ed. 9/29/84 LAST NM 11/87		(33(398)87 Sydney) 47/87
	Delete	Buoy	17°34.1'S 146°09.7'E
	Add	Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s	17°34.3'S 146°09.7'E
74251	6Ed. 9/29/84 LAST NM 47/87		(14(216)88 Sydney) 33/88
	Add	Depths 11.6 meters (SD) 6.6 meters (SD) 26 meters 13.6 meters (SD) 13.6 meters (SD) 6.6 meters (SD) 12.6 meters (SD) 16.6 meters (SD) 8.6 meters (SD) 15.6 meters (SD) 2.6 meters (SD) 4.6 meters (SD) 8.6 meters (SD)	17°23.0'S 146°35.1'E 17°23.0'S 146°38.3'E 17°28.4'S 146°34.4'E 17°40.7'S 146°37.5'E 17°41.1'S 146°38.6'E 17°42.0'S 146°34.5'E 17°43.8'S 146°32.7'E 17°44.6'S 146°38.3'E 17°45.3'S 146°40.7'E 17°45.9'S 146°37.1'E 17°47.0'S 146°40.9'E 17°52.0'S 146°37.7'E 17°59.8'S 146°36.4'E

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74251	6Ed. 9/29/84 LAST NM 33/88		(33(485)88 Sydney) 50/88
	Change	Light to Fl(4) 16s 52m 10M	18°09.5'S 146°18.2'E
74251	6Ed. 9/29/84 LAST NM 50/88		(41(572)88 Sydney) 53/88
	Change	Light to Fl 5s 87m 10M	17°40.7'S 146°10.8'E
74251	6Ed. 9/29/84 LAST NM 53/88		(BA CH 2349) 10/89
	Add	Light Fl 2.5s	17°59'27"S 146°04'30"E
★74252	7Ed. 5/18/85	NEW EDITION	(DMAHTC) 30/85
74252	7Ed. 5/18/85 LAST NM 30/85		(30(446)85 Sydney) 39/85
	Change	Height of light to 23m	16°55'23"S 145°46'42"E
74252	7Ed. 5/18/85 LAST NM 39/85		(Aus CH 262; BA LL) 20/86
	Delete	Buoy	16°52'23"S 145°47'46"E
		(Plan)	
	Change	Legend "Dredged to 8.5m" to "Dredged to 8.2m (1984)"	16°56'17.5"S 145°46'47.5"E
	Add	Depth 9.6 meters	16°56'26.7"S 145°46'50.6"E
		Stranded wreck	16°56'27.4"S 145°46'42.5"E
		Visibility (range) 12M to light	16°55'22.5"S 145°46'42.0"E
74252	7Ed. 5/18/85 LAST NM 20/86		(36(441)87 Sydney) 49/87
		(Plan)	
	Add	Buoys Y, pillar, Fl Y 3s	16°56'35.8"S 145°46'48.8"E
		R, pillar, Fl R 3s	16°56'33.5"S 145°46'55.7"E
74252	7Ed. 5/18/85 LAST NM 49/87		(18(273)88 Sydney) 37/88
		(And Plan)	
	Change	Designation of buoy "T2" to "T8"	16°56'24"S 145°46'53"E
	Add	Beacons, each R, can topmark,	
		"T2" Fl R 2½s	16°55'07.0"S 145°47'05.0"E
		"T4" Fl R 4s	16°55'35.9"S 145°46'59.7"E
		"T6" Fl R 1½s	16°56'04.7"S 145°46'54.0"E
74252	7Ed. 5/18/85 LAST NM 37/88		(44(611)88 Sydney) 5/89
	Delete	Dashed line between	16°55'22"S 145°46'42"E
			16°55'05"S 145°46'52"E
		(And Plan)	
	Delete	Light	16°55'22"S 145°46'42"E
★74253	4Ed. 12/3/88	NEW EDITION	(DMAHTC) 8/89
★74261	7Ed. 12/24/88	NEW EDITION	(DMAHTC; 50(743)88 Sydney) 13/89
	Delete	Dangerous wreck and drying height 0.8 meter	16°06.0'S 145°29.0'E
★74265	1Ed. 7/16/88	NEW CHART	(DMAHTC) 39/88
74265	1Ed. 7/16/88 LAST NM 39/88		(44(611)88 Sydney) 5/89
	Delete	Light	16°55.4'S 145°46.7'E
74265	1Ed. 7/16/88 LAST NM 5/89		(49(707)88 Sydney) 10/89
	Delete	Stranded wreck	14°30'S 145°11'E
★74270	1Ed. 6/25/88	NEW CHART	(DMAHTC; 43(527)87 Sydney) 35/88
	Delete	Ra Ref from light	14°04.7'S 143°55.0'E
★74271	6Ed. 12/3/88	NEW EDITION	(DMAHTC) 8/89
74271	6Ed. 12/3/88 LAST NM 8/89		(49(706)88 Sydney) 10/89
	Delete	Purple dashed line and arrowheads (deep-water route) between	14°29.0'S 144°56.0'E 14°29.2'S 144°59.0'E
	Change	Legends "DW 14.4m" to "DW"	14°31.2'S 145°01.6'E 14°24.3'S 144°47.4'E
	Add	Depths 14.4 meters	14°29'19"S 144°56'02"E
		16.2 meters	14°32'20"S 145°02'52"E

(continued on next page)

			10/89
74271	(Continued)		
	Add	Purple dashed line (deep-water route) with two-way directional arrowheads joining	14°29′00″S 144°56′00″E 14°29′00″S 144°58′45″E 14°29′14″S 144°59′00″E
*74272	6Ed. 5/17/86	NEW EDITION	(DMAHTC) 31/86
74272	6Ed. 5/17/86 LAST NM 31/86		(40(581)86 Sydney) 10/87
	Delete	Traffic direction arrows	13°46.4′S 143°42.1′E 13°34.3′S 143°40.6′E 13°20.0′S 143°39.9′E 13°20.0′S 143°39.6′E 12°43.5′S 143°32.4′E 12°43.7′S 143°31.8′E
	Add	Dashed open-outlined double-ended arrow symbols indicating flow of traffic oriented 165°-345° 169°-349° 166°-346° 153°-333°	13°42.5′S 143°40.6′E 13°37.5′S 143°41.8′E 13°19.9′S 143°39.7′E 12°43.6′S 143°33.1′E
		Legends "(see Note)"	12°35.6′S 143°27.3′E 13°10.8′S 143°36.8′E 13°47.5′S 143°42.1′E
		Note (Two-Way Route) from back of Section I	13°27.6′S 144°07.6′E
		(Plan)	
	Delete	Traffic direction arrows	13°29.5′S 143°40.3′E 13°29.5′S 143°40.2′E
	Add	Legend "(see Note)"	13°25′33″S 143°39′58″E
		Dashed open-outlined double-ended arrow symbol indicating flow of traffic oriented 172°-352°	13°29′28″S 143°40′14″E
74272	6Ed. 5/17/86 LAST NM 10/87		(28(333)87 Sydney) 42/87
	Add	Depths 6.5 meters 4.5 meters 4.7 meters 9.1 meters 5.2 meters 4.7 meters	13°05.92′S 143°55.29′E 13°15.53′S 143°45.83′E 13°14.76′S 143°46.47′E 13°22.02′S 143°58.30′E 13°28.72′S 143°49.26′E 13°30.73′S 143°47.55′E
74272	6Ed. 5/17/86 LAST NM 42/87		(42(519)87 Sydney) 52/87
		(And Plan)	
	Delete	Racon from light	13°28.6′S 143°40.8′E
74272	6Ed. 5/17/86 LAST NM 52/87		(21(312)88 Sydney) 41/88
	Substitute	Depth 13.8 meters for 14.9 meters	13°50.1′S 143°45.3′E
74272	6Ed. 5/17/86 LAST NM 41/88		(25(372)88 Sydney) 44/88
	Change	Light to Fl 2½s 9m 10M	13°18.5′S 143°40.2′E
74272	6Ed. 5/17/86 LAST NM 44/88		(34(492)88 Sydney) 50/88
	Delete	Depths 7.2 meters 10 meters	13°52.8′S 143°44.3′E 13°52.0′S 143°45.0′E
	Substitute	Depths 8.1 meters for 9.1 meters 9.5 meters for 9.7 meters	13°53.54′S 143°45.17′E 13°51.14′S 143°46.45′E
	Add	Depths 14.6 meters 8.5 meters 11.8 meters 11.5 meters 16 meters	13°53.04′S 143°45.15′E 13°52.74′S 143°44.24′E 13°52.13′S 143°44.96′E 13°47.52′S 143°44.24′E 13°39.00′S 143°42.60′E
*74273	2Ed. 11/3/84	NEW EDITION	(DMAHTC) 4/85
74273	2Ed. 11/3/84 LAST NM 4/85		(7(102)85 Sydney) 17/85
	Add	Depth 17.7 meters Wk	14°23.77′S 144°43.83′E

74273	2Ed. 11/3/84 LAST NM 17/85		(34(525)85 Sydney) 41/85
	Substitute	Depth 11.4 meters Wk for 8.6 meters Wk	14°26.8'S 144°46.3'E
74273	2Ed. 11/3/84 LAST NM 41/85		(46(607)85 Sydney) 52/85
	Delete	Depths 13.1 meters	14°34.6'S 145°15.1'E
		12.2 meters	14°42.9'S 145°19.0'E
	Add	Depths 12.2 meters	14°34.9'S 145°14.1'E
		12.4 meters	14°34.6'S 145°15.1'E
		10.5 meters	14°42.6'S 145°19.0'E
		15.1 meters	14°35.4'S 145°19.1'E
		15.4 meters	14°37.6'S 145°19.5'E
		Legend "Rep" to depths 17 meters	14°32.3'S 145°09.6'E
		14.9 meters	14°32.0'S 145°04.2'E
74273	2Ed. 11/3/84 LAST NM 52/85		(40(604)85 Sydney) 2/86
	Add	Depth 15.1 meters	15°07.42'S 145°24.25'E
74273	2Ed. 11/3/84 LAST NM 2/86		(11(199)86 Sydney) 18/86
	Delete	Depth 12.8 meters	15°12.2'S 145°20.8'E
	Add	Dangerous wreck	15°12.12'S 145°20.57'E
74273	2Ed. 11/3/84 LAST NM 18/86		(16(277)86 Sydney) 30/86
	Delete	Depth 10.5 meters	14°42.6'S 145°19.0'E
		(See 52/85 - 74273	
	Add	Depths 10.1 meters	14°42.9'S 145°18.9'E
		10.1 meters	14°43.1'S 145°19.3'E
74273	2Ed. 11/3/84 LAST NM 30/86		(2(42)86 Sydney) 33/86
	Change	Visibility (range) of light to 9M	14°51.2'S 145°16.3'E
		(And Plan B)	
	Change	Visibility (range) of lights to 9/7M	14°29.5'S 144°58.6'E
		9/7M	14°28.8'S 144°57.1'E
		9M	14°27.6'S 144°53.5'E
74273	2Ed. 11/3/84 LAST NM 33/86		(40(581), 50(688)86 Sydney) 10/87
	Delete	Legend "TWO-WAY ROUTE"	14°23.0'S 144°41.6'E
		Dangerous wreck	15°12.7'S 145°21.3'E
		Traffic direction arrows	14°24.4'S 144°44.9'E
			14°24.9'S 144°42.5'E
			14°39.0'S 145°21.4'E
			14°39.6'S 145°21.3'E
			14°48.8'S 145°14.7'E
			14°49.0'S 145°14.5'E
			15°09.4'S 145°23.6'E
			15°09.4'S 145°24.1'E
		Purple dashed lines joining	14°20.8'S 144°39.8'E
			14°25.0'S 144°41.7'E
			14°29.0'S 144°49.1'E
		joining	14°23.2'S 144°42.5'E
			14°24.5'S 144°43.2'E
			14°25.7'S 144°45.5'E
	Add	Legends	
		"TWO-WAY ROUTE (see Note)"	14°18'00"S 144°39'14"E
		"(see Note)"	14°37'42"S 145°13'18"E
		"(see Note)"	14°43'18"S 145°06'54"E
		"(see Note)"	14°54'30"S 145°24'30"E
		Purple dashed lines (outside limits of two-way route) between	14°20'48"S 144°39'46"E
			14°23'12"S 144°42'32"E
		between	14°25'42"S 144°45'30"E
			14°28'56"S 144°49'12"E
		Dashed open-outlined double-ended arrow symbols indicating flow of traffic oriented 131°-311°	14°25'36"S 144°46'08"E
		104°-284°	14°39'18"S 145°21'20"E
		128°-308°	14°47'30"S 145°12'50"E
		003°-183°	15°09'24"S 145°23'48"E
		Note (Two-Way Route) from back of Section I	14°41'30"S 145°54'00"E

(continued on next page)

			10/87
74273	(Continued)	(Plan A)	
	Delete	Traffic direction arrows	14°53.6'S 145°21.3'E 14°53.9'S 145°21.1'E
	Add	Legend "(see Note)"	14°53'54"S 145°21'09"E
		Dashed open-outlined double-ended arrow symbol indicating flow of traffic oriented 127°-307°	14°54'00"S 145°21'06"E
		(Plan B)	
	Delete	Traffic direction arrows	14°32.4'S 144°56.8'E 14°32.6'S 144°56.7'E
		Purple dashed line between	14°28.4'S 144°48.0'E 14°28.9'S 144°49.1'E
	Add	Legend "(see Note)"	14°30'24"S 144°52'22"E
		Purple dashed line (outside limit of two-way route) between	14°28'56"S 144°49'03"E 14°28'00"S 144°48'00"E
		Dashed open-outlined double-ended arrow symbol indicating flow of traffic oriented 117°-297°	14°32'30"S 144°56'44"E
74273	2Ed. 11/3/84 LAST NM 10/87		(10(112)87 Sydney) 17/87
	Substitute	Depth 2.9 meters for 7.3 meters	14°52.3'S 145°29.3'E
	Add	Depth 8.2 meters	14°53.3'S 145°25.7'E
74273	2Ed. 11/3/84 LAST NM 17/87		(21(260)87 Sydney) 31/87
	Delete	Depths 27 meters	14°46.8'S 145°30.2'E
		16.4 meters	14°55.6'S 145°26.8'E
		16.4 meters	14°56.8'S 145°27.4'E
		Reef	15°12.5'S 145°29.7'E
	Substitute	Depth 11.5 meters for 14.6 meters	14°56.65'S 145°28.12'E
	Add	Depths 20.6 meters	14°46.82'S 145°30.19'E
		25.2 meters	14°47.02'S 145°29.00'E
		4 meters	14°53.42'S 145°26.87'E
		3.4 meters	14°54.35'S 145°26.75'E
		2.5 meters	14°55.33'S 145°26.77'E
		5 meters	15°12.43'S 145°29.88'E
74273	2Ed. 11/3/84 LAST NM 31/87		(Aus CH 832; 48(601)87 Sydney) 6/88
	Delete	Bearing line and legend "Barrow Light 293°" between	14°21.2'S 144°39.7'E 14°24.4'S 144°47.6'E
	Substitute	Depth 16 meters for 17 meters "Rep"	14°32.3'S 145°09.6'E
	Add	Depths 10.4 meters	15°05'42"S 145°23'06"E
		9.3 meters	14°43'36"S 145°21'12"E
		Purple dashed lines (deep-water route) with two-way directional arrowheads and legend "DW 14.4m" between	14°21'55"S 144°41'36"E 14°27'03"S 144°54'06"E
		joining	14°29'00"S 144°55'53"E 14°29'17"S 144°59'03"E 14°32'49"S 145°03'39"E 14°33'48"S 145°16'06"E 14°40'15"S 145°24'36"E
		(And Plan B)	
	Substitute	Depths	
		14.5 meters for 14.6 meters	14°26'33"S 144°54'09"E
		8.9 meters for 8.2 meters	
		"Rep 1982"	14°27'00"S 144°54'51"E
		(Plan B)	
	Add	Purple dashed lines (deep-water route) with two-way directional arrowheads and legend "DW 14.4m" between	14°25'30"S 144°50'18"E 14°27'06"S 144°54'08"E

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74273 (Continued)
Add joining 6/88
14°29'02"S 144°53'53"E
14°29'18"S 144°59'03"E
14°32'22"S 145°03'00"E

74273 2Ed. 11/3/84 LAST NM 6/88
Add Stranded wreck (1(38)88 Sydney) 14/88
14°30.15'S 145°10.90'E

74273 2Ed. 11/3/84 LAST NM 14/88
Add Depth 17.7 meters (9(142)88 Sydney) 24/88
14°42.58'S 145°39.80'E

74273 2Ed. 11/3/84 LAST NM 24/88
Add Depths 15.7 meters (SD) (13(197)88 Sydney) 29/88
14°41.91'S 145°36.86'E
17.7 meters (SD)
14°46.30'S 145°37.90'E
11.7 meters (SD)
14°48.52'S 145°34.40'E
7.7 meters (SD)
14°49.50'S 145°32.20'E
9.7 meters (SD)
14°51.95'S 145°39.38'E
13.7 meters (SD)
14°52.60'S 145°41.34'E
10.7 meters (SD)
14°58.42'S 145°40.68'E

74273 2Ed. 11/3/84 LAST NM 29/88
(And Plan B) (15(228)88 Sydney) 33/88
Substitute Light Fl(2) 8s 6m 10M for beacon
14°32.39'S 144°55.09'E

74273 2Ed. 11/3/84 LAST NM 33/88
Delete Stranded wreck (49(706, 707)88 Sydney) 10/89
(Cancels 14/88-74273) 14°30.2'S 145°10.9'E

Change Legends "DW 14.4m" to "DW"
along deep-water route between
14°21.9'S 144°41.6'E
14°40.3'S 145°24.6'E

(And Plan B)
Delete Purple dashed line with
arrowheads (deep-water route)
between
14°29.0'S 144°55.9'E
14°29.3'S 144°59.1'E

Add Purple dashed line (deep-water route)
with two-way directional arrowheads
joining
14°29'18"S 144°59'03"E
14°29'04"S 144°58'47"E
14°29'04"S 144°55'57"E

Depths 16.2 meters
14°32'20"S 145°02'52"E
14.4 meters
14°29'19"S 144°56'02"E

(Plan B)
Delete Depths 16.7 meters
14°31.9'S 145°02.7'E
14.6 meters
14°29.3'S 144°55.9'E

Legend "M Sh Co Wd"
14°29.1'S 144°55.1'E

Change Legends "DW 14.4m" to "DW"
along deep-water route between
14°25.5'S 144°50.3'E
14°32.4'S 145°03.0'E

Add Depths 16.5 meters
14°26'59"S 144°53'54"E
16.5 meters
14°27'31"S 144°54'30"E
18.2 meters
14°28'30"S 144°55'32"E
16 meters
14°29'02"S 144°56'00"E
13.1 meters
14°29'28"S 144°56'31"E
14.8 meters
14°29'30"S 144°57'35"E
20.6 meters
14°29'26"S 144°59'10"E
18.3 meters
14°30'31"S 145°00'21"E
17.6 meters
14°30'46"S 145°00'55"E
17.3 meters
14°31'55"S 145°02'16"E

★74281 5Ed. 6/14/86 NEW EDITION (DMAHTC) 37/86

74281 5Ed. 6/14/86 LAST NM 37/86
Delete Traffic direction arrows (40(581)86 Sydney) 10/87
11°13.4'S 142°53.5'E
11°13.4'S 142°54.1'E
11°56.3'S 143°17.3'E
11°56.7'S 143°17.8'E
12°30.2'S 143°24.8'E
12°30.4'S 143°24.4'E

(continued on next page)

74281	(Continued) Add	Legends "(see Note)"	
		Dashed open-outlined double-ended arrows symbols indicating flow of traffic oriented 167°-347° 138°-318° 151°-331°	10/87 11°19.6'S 142°53.8'E 12°01.6'S 143°16.9'E 12°35.5'S 143°27.2'E
		Note (Two-Way Route) from back of Section I	11°13.4'S 142°53.8'E 11°56.5'S 143°17.6'E 12°30.3'S 143°24.6'E
74281	5Ed. 6/14/86 LAST NM 10/87 Add	Stranded wreck	11°57.0'S 142°40.0'E
74281	5Ed. 6/14/86 LAST NM 4/88 Change	Visibility (range) of light to 11M	(Aus CH 839) 4/88 11°10.7'S 142°47.7'E
74281	5Ed. 6/14/86 LAST NM 24/88 Change	Visibility (range) of light to 9M (Supersedes 24/88-74281)	(10(160)88 Sydney) 24/88 12°15.2'S 143°14.8'E
74281	5Ed. 6/14/86 LAST NM 40/88 Add	Dangerous wreck (PA)	(22(328)88 Sydney) 40/88 12°15.2'S 143°14.8'E
			(50(722)88 Sydney) 10/89 11°14.2'S 142°52.7'E
*74283	1Ed. 11/16/85	NEW CHART	(DMAHTC) 8/86
74283	1Ed. 11/16/85 LAST NM 8/86 Change	Visibility (range) of lights to 9M 9M 10/7M	(6(89, 128)86 Sydney) 12/86 12°31.6'S 143°23.6'E 12°37.4'S 143°27.7'E 12°24.6'S 143°22.3'E
74283	1Ed. 11/16/85 LAST NM 12/86 Delete	Traffic direction arrows	(40(581)86 Sydney) 10/87 12°29.4'S 143°23.9'E 12°29.5'S 143°24.3'E
	Add	Legend "(see Note)"	12°40.4'S 143°30.3'E
		Dashed open-outlined double-ended arrow symbol indicating flow of traffic oriented 151°-331°	12°27.7'S 143°23.3'E
		Note (Two-Way Route) from back of Section I	12°31.4'S 144°16.2'E
*74285	1Ed. 10/1/88	NEW CHART	(DMAHTC) 46/88
74285	1Ed. 10/1/88 LAST NM 46/88 Delete	Stranded wreck	(39(537)88 Sydney) 53/88 9°28'S 144°54'E
74285	1Ed. 10/1/88 LAST NM 53/88 Delete	Stranded wreck	(50(723)88 Sydney) 10/89 9°30.6'S 143°17.4'E
	Add	Stranded wreck	9°30.9'S 143°17.6'E
74285	1Ed. 10/1/88 LAST NM 10/89 Add	Depth 5.2 meters (SD)	(26(383)88, 1(35)89 Sydney) 12/89 9°24.9'S 143°57.3'E
		Legend "Rep (1988)" to depth 10.5 meters	9°25.2'S 143°54.6'E
*74288	3Ed. 3/9/85	NEW EDITION	(DMAHTC) 20/85
74288	3Ed. 3/9/85 LAST NM 20/85 Delete	Dashed line (harbor limit) joining	(35(548)85 Sydney) 42/85 12°34.4'S 141°35.9'E 12°34.4'S 141°34.4'E 12°52.1'S 141°34.4'E
	Add	Dashed line (harbor limit) between	12°33.9'S 141°35.4'E 12°52.1'S 141°37.7'E 12°42.8'S 141°36.7'E
		Legend "Weipa Port Limits"	

74288	3Ed. 3/9/85 LAST NM 42/85		(2(43)86 Sydney) 34/86
		(And Plan)	
	Delete	Range lights	
		front and sectors	12°40.26'S 141°49.68'E
		rear	12°40.03'S 141°50.78'E
	Add	Range lights	
		front F Bu,	
		Iso 2s (F by day) 14m	12°40.111'S 141°50.370'E
		rear F Bu,	
		Oc 5s (F by day) 44m	12°39.768'S 141°52.013'E
		Dashed range line between	12°40.025'S 141°50.778'E
			12°39.768'S 141°52.013'E
		Beacon "20", R, Fl R 2½s	12°40.260'S 141°49.675'E
		(Plan)	
	Change	Designations of beacons from	
		"20" to "22"	12°40.8'S 141°50.4'E
		"22" to "24"	12°41.0'S 141°51.3'E
		"24" to "26"	12°41.2'S 141°51.9'E
		"26" to "28"	12°40.3'S 141°50.2'E
		"28" to "30"	12°40.3'S 141°50.4'E
		"30" to "32"	12°40.1'S 141°50.6'E
		"32" to "34"	12°40.0'S 141°51.0'E
		"34" to "36"	12°40.1'S 141°51.3'E
		"36" to "38"	12°40.2'S 141°51.5'E
		"42" to "44"	12°41.1'S 141°52.7'E
		Designation of buoys from	
		"40" to "42"	12°40.9'S 141°52.5'E
		"38" to "40"	12°40.7'S 141°52.4'E
74288	3Ed. 3/9/85 LAST NM 34/86		(46(643)86 Sydney) 4/87
	Change	Light to Fl 5s 47m 16M	12°34.2'S 141°35.9'E
		and add Racon	
74288	3Ed. 3/9/85 LAST NM 4/87		(Aus CH 4) 6/88
	Change	Lights, each to Fl G 4s	
		"No 1"	12°41.8'S 141°42.4'E
		"No 5"	12°41.4'S 141°44.3'E
		"No 9"	12°41.0'S 141°46.3'E
		"No 17"	12°40.4'S 141°49.1'E
		Lights, each to Fl R 4s	
		"No 2"	12°41.8'S 141°42.3'E
		"No 6"	12°41.3'S 141°44.3'E
		"No 10"	12°40.9'S 141°46.3'E
		"No 14"	12°40.5'S 141°48.2'E
		Period of lights, each to 4s	
		"No 3"	12°41.6'S 141°43.4'E
		"No 4"	12°41.5'S 141°43.3'E
		"No 7"	12°41.2'S 141°45.3'E
		"No 8"	12°41.1'S 141°45.3'E
		"No 11"	12°40.8'S 141°47.3'E
		"No 12"	12°40.7'S 141°47.3'E
		"No 15"	12°40.5'S 141°48.6'E
		"No 16"	12°40.4'S 141°48.6'E
		(Plan)	
	Change	Characteristic of beacons, each to Fl R 4s	
		"No 14"	12°40'31"S 141°48'14"E
		"No 22"	12°40'47"S 141°50'26"E
		"No 26"	12°41'12"S 141°51'54"E
		"No 32"	12°40'04"S 141°50'39"E
		"No 36"	12°40'06"S 141°51'19"E
		"No 44"	12°41'06"S 141°52'44"E
		Characteristic of beacons, each to Fl G 4s	
		"No 17"	12°40'25"S 141°49'04"E
		"No 19"	12°41'01"S 141°50'17"E
		"No 23"	12°41'31"S 141°52'07"E
		"No 25"	12°40'22"S 141°50'29"E
		"No 29"	12°40'12"S 141°50'59"E
		"No 33"	12°40'27"S 141°51'40"E
		"No 37"	12°40'54"S 141°52'12"E

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			6/88
74288	(Continued)		
	Change	Period of beacons, each to 4s	
		"No 15"	12°40'30"S 141°48'39"E
		"No 16"	12°40'26"S 141°48'38"E
		"No 21"	12°41'12"S 141°51'12"E
		"No 24"	12°41'02"S 141°51'16"E
		"No 27"	12°40'13"S 141°50'42"E
		"No 30"	12°40'16"S 141°50'21"E
		"No 31"	12°40'15"S 141°51'15"E
		"No 34"	12°40'00"S 141°51'01"E
		"No 38"	12°40'10"S 141°51'28"E
		Period of buoys, each to 4s	
		"No 35"	12°40'47"S 141°52'05"E
		"No 40"	12°40'40"S 141°52'22"E
		"No 42"	12°40'53"S 141°52'32"E
		Period of buoys, each to 3s	
		"No A1"	12°41'49"S 141°52'42"E
		"No A2"	12°41'33"S 141°53'01"E
74288	3Ed. 3/9/85 LAST NM 6/88		(10(162)88 Sydney) 24/88
		(Plan)	
	Change	Legend "11.3m" to "12.5m"	12°40.5'S 141°52.1'E
74288	3Ed. 3/9/85 LAST NM 24/88		(15(233)88 Sydney) 33/88
		(Plan)	
	Relocate	Buoy "40" close SE to	12°40.719'S 141°52.396'E
*74289	3Ed. 2/2/85	NEW EDITION	(DMAHTC) 14/85
	Add	Depths 7 fathoms 4 feet	13°08.7'S 141°23.2'E
		5 fathoms	13°14.5'S 141°29.2'E
		6 fathoms 3 feet	13°15.6'S 141°23.3'E
		5 fathoms 4 feet	13°16.3'S 141°16.1'E
		4 fathoms 5 feet	13°20.0'S 141°23.4'E
		(Previously published 8/85)	
74289	3Ed. 2/2/85 LAST NM 14/85		(46(643)86 Sydney) 4/87
	Change	Light to Fl 5s 154ft 16M and add Racon	12°34.1'S 141°36.1'E
74289	3Ed. 2/2/85 LAST NM 4/87		(28(337)87 Sydney) 42/87
	Change	Visibility (range) of lightfloat to 9M	10°45.0'S 141°03.3'E
*74290	9Ed. 3/14/87	NEW EDITION	(DMAHTC: 8(93, 94)87 Sydney) 21/87
	Delete	Depth 19.5 meters	9°40.6'S 140°59.2'E
	Add	Depth 4 meters	9°41.0'S 140°58.8'E
		Legend "Rep to lie 0.5 mile SW (1987)"	9°49.6'S 142°43.0'E
74290	9Ed. 3/14/87 LAST NM 21/87		(28(337)87 Sydney) 42/87
	Change	Visibility (range) of lightfloat to 9M	10°44.5'S 141°03.1'E
74290	9Ed. 3/14/87 LAST NM 42/87		(Aus CH 839) 4/88
	Add	Stranded wreck	10°15.6'S 143°06.7'E
74290	9Ed. 3/14/87 LAST NM 4/88		(24(359), 26(383)88 Sydney) 44/88
	Substitute	Legend "Rep (1941)" for "unexam"	9°20.3'S 143°51.5'E
	Change	Visibility (range) of light to 11M	10°34.0'S 142°09.0'E
74290	9Ed. 3/14/87 LAST NM 44/88		(32(477), 34(493)88 Sydney) 48/88
	Delete	Depth 1 meter "Rep '1981)"	9°44.5'S 143°24.4'E
		Dangerous submerged rock	10°21.0'S 142°02.6'E
	Add	Dangerous submerged rock	9°44.5'S 143°25.0'E
74290	9Ed. 3/14/87 LAST NM 48/88		(DMAHTC) 2/89
	Change	Legend to "CONTINUED ON 74285"	10°10.0'S 143°52.5'E
74290	9Ed. 3/14/87 LAST NM 2/89		(50(723)88 Sydney) 10/89
	Add	Stranded wreck	9°30.9'S 143°17.6'E
74290	9Ed. 3/14/87 LAST NM 10/89		(2(56)89 Sydney) 16/89
	Delete	Depth 2.9 meters	10°47.6'S 142°35.9'E
	Add	Dangerous wreck (PA)	10°47.3'S 142°35.8'E

SUBREGION

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74290	9Ed. 3/14/87 LAST NM 16/89		(7(131)89 Sydney) 19/89
	Delete	Depths 18.9 meters	10°17.5'S 142°51.7'E
		3 meters	10°18.5'S 142°49.0'E
		1.5 meters	10°18.5'S 142°48.5'E
		11.7 meters	10°19.9'S 142°48.9'E
		14.3 meters	10°20.0'S 142°47.4'E
	Substitute	Depth 18.6 meters for 19.2 meters	10°14.4'S 142°38.8'E
	Add	Depths 17.8 meters	10°17.3'S 142°52.6'E
		2 meters	10°18.4'S 142°49.1'E
		0.5 meter	10°18.6'S 142°48.7'E
		7.7 meters	10°19.9'S 142°49.2'E
		13.1 meters	10°19.9'S 142°47.2'E
★74292	7Ed. 2/16/85	NEW EDITION	(DMAHTC; 41(675)85 Sydney) 18/85
	Delete	Traffic direction arrows	
		SE bound	10°34.0'S 142°28.4'E
		NE bound	10°39.4'S 142°31.8'E
	Substitute	Light QY for lighted front beacon with topmark	10°50.3'S 142°22.5'E
		Light Iso 2s for lighted rear beacon with topmark	10°37.6'S 142°30.2'E
	Add	Legend "(See Note)"	10°33.2'S 142°27.1'E
74292	7Ed. 2/16/85 LAST NM 18/85		(41(675)83, 2(32)85 Sydney) 21/85
	Delete	Traffic direction arrows	
		SE bound	10°34.0'S 142°28.4'E
		NE bound	10°38.4'S 142°31.8'E
		(See 18/85-74292)	
	Substitute	Light QY for lighted front beacon	10°50.3'S 142°22.5'E
		Light Iso 2s for lighted rear beacon (See 18/85-74292)	10°50.4'S 142°22.6'E
	Add	Legend "(see Note)"	10°37.6'S 142°30.2'E
		(See 18/85-74292)	10°33.2'S 142°27.1'E
74292	7Ed. 2/16/85 LAST NM 21/85		(45(665)85 Sydney) 1/86
	Change	Period of buoy to 10s	10°30.4'S 142°14.6'E
74292	7Ed. 2/16/85 LAST NM 1/86		(3(70)86 Sydney) 20/86
	Relocate	Buoy close NW to and change period to 2½s	10°34.12'S 142°15.37'E
74292	7Ed. 2/16/85 LAST NM 20/86		(23(382)86 Sydney) 29/86
	Add	Dangerous wreck	10°47.3'S 142°35.8'E
74292	7Ed. 2/16/85 LAST NM 29/86		(22(368)86 Sydney) 34/86
	Add	R Bn (AERO)	10°35.6'N 142°17.5'E
74292	7Ed. 2/16/85 LAST NM 34/86		(37(539)86 Sydney) 45/86
	Add	Depth 5¾ fathoms	10°29'52"S 142°20'57"E
		Legend "Less water (rep 1986)"	10°29'52"S 142°20'34"E
74292	7Ed. 2/16/85 LAST NM 45/86		(38(559)86 Sydney) 47/86
	Substitute	Dashed line (range line) for solid line between	10°29.8'S 142°23.4'E
			10°29.8'S 142°20.3'E
74292	7Ed. 2/16/85 LAST NM 47/86		(45(633)86 Sydney) 1/87
	Delete	Buoy	10°29.9'S 142°21.1'E
	Add	Buoy, BRB, pillar, double ball topmark, Fl(2) 6s	10°29.80'S 142°21.00'E
74292	7Ed. 2/16/85 LAST NM 1/87		(40(581)86 Sydney) 10/87
	Delete	Purple dashed lines joining	10°33.8'S 141°56.0'E
			10°33.9'S 141°54.6'E
			10°35.9'S 141°51.1'E
		joining	10°34.9'S 141°56.0'E
			10°35.0'S 141°54.4'E
			10°36.7'S 141°51.4'E

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			10/87
74292	(Continued) Delete	Traffic direction arrows	10°34.2'S 141°56.7'E 10°34.7'S 141°56.7'E 10°33.5'S 142°28.7'E 10°38.8'S 142°31.5'E
	Add	Dashed open-outlined double-ended arrow symbols indicating flow of traffic oriented 088°-268° 127°-307° 127°-307° 131°-311° 139°-319°	10°34.40'S 141°56.95'E 10°31.50'S 142°24.10'E 10°36.50'S 142°32.80'E 10°38.70'S 142°31.70'E 10°43.30'S 142°39.10'E
		Legend "(see Note)"	10°34.32'S 142°03.15'E
		Note (Two-Way Route) from back of Section 1	10°55.42'S 142°23.64'E
74292	7Ed. 2/16/85 LAST NM 10/87 Delete	Buoy	(2(57)88 Sydney) 14/88 10°29.8'S 142°21.0'E
	Add	Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s	10°29.92'S 142°21.07'E
74292	7Ed. 2/16/85 LAST NM 14/88 Add	Depth 6¼ fathoms	(8(125)88 Sydney) 24/88 10°30.36'S 142°15.87'E
74292	7Ed. 2/16/85 LAST NM 24/88 Delete	Legends "Lloyds Sig Sta" "Storm Sigs"	(24(358, 359), 27(399)88 Sydney; Aus CH 293) 44/88 10°34.0'S 142°09.2'E 10°34.1'S 142°09.2'E
		Buoy	10°33.5'S 142°18.4'E
	Change	Lights to Fl WR 2½s 26ft 10/7M Q 345ft 11M	10°33.8'S 142°09.1'E 10°34.0'S 142°09.0'E
	Add	Light Fl WRG 2½s 39ft 10-8M	10°33.31'S 142°19.69'E
74292	7Ed. 2/16/85 LAST NM 44/88 Change	Light to Fl G 2½s, Dir Q	(44(612)88 Sydney) 5/89 10°35.8'S 142°13.1'E
74292	7Ed. 2/16/85 LAST NM 5/89 Add	Legend "(PA)" to dangerous wreck	(2(56)89 Sydney) 16/89 10°47.3'S 142°35.8'E
★74293	5Ed. 9/24/88	NEW EDITION	(DMAHTC) 53/88
74293	5Ed. 9/24/88 LAST NM 53/88 Add	Legend "(PA)" to dangerous wreck	(50(724) Sydney) 10/89 11°14.3'S 142°52.7'E
74293	5Ed. 9/24/88 LAST NM 10/89 Add	Legend "(PA)" to dangerous wreck	(2(56)89 Sydney) 16/89 10°47.3'S 142°35.8'E
74293	5Ed. 9/24/88 LAST NM 16/89 Delete	Depths 20.1 meters 3 meters 1.5 meters 16.7 meters	(7(131)89 Sydney) 19/89 10°17.5'S 142°52.7'E 10°18.5'S 142°49.0'E 10°18.6'S 142°48.6'E 10°20.0'S 142°47.4'E
	Substitute	Depths 18.8 meters for 19.2 meters 5.2 meters for 5.5 meters	10°14.39'S 142°58.80'E 10°18.71'S 142°48.10'E
	Add	Depths 18 meters 2.2 meters 0.7 meter 13.3 meters	10°17.31'S 142°52.63'E 10°18.35'S 142°49.14'E 10°18.55'S 142°48.68'E 10°19.85'S 142°47.19'E
★74294	2Ed. 7/20/85	NEW EDITION	(DMAHTC; 41(675)85 Sydney; Aus CH 292) 40/85
	Delete	Traffic direction arrows SE bound NE bound	10°36.1'S 142°32.2'E 10°40.4'S 142°34.0'E

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★74294	(Continued)		
	Change	Traffic direction arrows to dashed open-outlined arrows (recommended direction)	40/85 10°54.9'S 142°49.7'E 10°54.9'S 142°49.3'E 10°35.9'S 142°32.5'E 10°40.6'S 142°34.8'E
		Light to Fl WRG 5s 30m 11-7M Note: Sectors unchanged	10°43.2'S 142°37.7'E
		Rear light to L Fl 10s 22m 13M, Fl(2) 8s 24m 9M Note: Sector limits unchanged	10°29.9'S 142°27.0'E
		Sector legends to "L Fl Lt" "Arc of vis of Gp Fl Lt"	10°29.9'S 142°25.0'E 10°30.6'S 142°27.5'E
	Add	Dashed open-outlined arrows indicating recommended flow of traffic oriented 294° 114°	10°46.4'S 142°44.1'E 10°46.7'S 142°44.1'E
		Legend "(See Note)'	10°38.7'S 142°31.4'E 10°34.5'S 142°29.2'E
74294	2Ed. 7/20/85 LAST NM 40/85 Delete	Traffic direction arrow NW bound (See 40/85-74294)	(41(675)83 Sydney; Aus CH 292) 44/85 10°40.4'S 142°34.0'E
	Change	Traffic direction arrow to dashed open-outlined arrow (recommended direction) (See 40/85-74294)	10°40.6'S 142°33.8'E
74294	2Ed. 7/20/85 LAST NM 44/85 Add	Dangerous wreck	(23(382)86 Sydney) 29/86 10°47.3'S 142°35.8'E
74294	2Ed. 7/20/85 LAST NM 29/86 Delete	Bn	(29(462)86 Sydney) 36/86 10°44.1'S 142°35.0'E
74294	2Ed. 7/20/85 LAST NM 36/86 Delete	Bn (Cancels 36/86-74294)	(29(462)86 Sydney) 42/86 10°43.1'S 142°35.0'E
74294	2Ed. 7/20/85 LAST NM 42/86 Add	Depth 10 meters	(35(518)86 Sydney) 43/86 10°23'21"S 142°47'55"E
74294	2Ed. 7/20/85 LAST NM 43/86 Delete	Traffic direction arrows	(40(581)86 Sydney) 10/87 10°35.8'S 142°32.5'E 10°40.6'S 142°33.8'E 10°46.4'S 142°44.1'E 10°46.7'S 142°44.1'E 10°54.9'S 142°49.7'E 10°54.9'S 142°49.3'E
	Add	Legend "(see Note)"	10°52'12"S 142°48'26"E
		Dashed open-outlined double-ended arrow symbols indicating flow of traffic oriented 121°-301° 131°-311° 114°-294° 167°-347°	10°36'00"S 142°32'24"E 10°40'30"S 142°33'56"E 10°46'34"S 142°44'03"E 10°54'54"S 142°49'30"E
		Note (Two-Way Route) from back of Section I	10°29'18"S 142°48'35"E
74294	2Ed. 7/20/85 LAST NM 10/87 Add	Legend "(PA)" to dangerous wreck	(2(56)89 Sydney) 16/89 10°47.3'S 142°35.8'E
74294	2Ed. 7/20/85 LAST NM 16/89 Delete	Depths 3 meters 1.5 meters 16.7 meters	(7(131)89 Sydney) 19/89 10°18.5'S 142°49.0'E 10°18.6'S 142°48.5'E 10°20.0'S 142°47.3'E
	Substitute	Depth 5.2 meters for 5.5 meters	10°18.71'S 142°48.10'E

(continued on next page)

			19/89
74294	(Continued) Add	Depths 2.2 meters 0.7 meter 13.3 meters	10°18.35'S 142°49.14'E 10°18.55'S 142°48.68'E 10°19.85'S 142°47.19'E
*74295	2Ed. 3/2/85	NEW EDITION ·	(DMAHTC; 41(675)83 Sydney; Aus CH 293) 18/85
	Delete	Traffic direction arrows SE bound NE bound Note (To The Navigator)	10°31.6'S 142°24.5'E 10°34.7'S 142°27.5'E 10°24.1'S 142°17.7'E
	Add	Note "SATELLITE-DERIVED POSITIONS Positions obtained from satellite navigation systems are referred to World Geodetic System 1972 Datum (WGS 72); they should be moved 0.09 minutes SOUTHWARD and 0.06 minutes WESTWARD to agree with this chart. To obtain heights above Mean Sea Level, decrease satellite heights by 70.9 meters"	
		Legends "(See Note)" "(See Note)"	10°24.8'S 142°17.8'E 10°32.4'S 142°26.0'E 10°33.8'S 142°26.0'E
		Purple dashed open-outlined arrows indicating flow of traffic oriented 300° 132°	10°32.4'S 142°26.5'E 10°32.2'S 142°24.3'E
		Legend "Puller Rock" to buoy	10°30.5'S 142°15.5'E
74295	2Ed. 3/2/85 LAST NM 18/85 Change	Rear light to L Fl 10s 22m 13M, Fl(2) 8s 24m 9M	(BA LL; Aus CH 292) 40/85 10°29.85'S 142°27.01'E
		Sector legend to "Arc of visibility of rear L Fl Lt"	10°29.82'S 142°22.15'E
74295	2Ed. 3/2/85 LAST NM 40/85 Change	Period of buoy to 10s	(45(665)85 Sydney) 1/86 10°30.4'S 142°14.6'E
74295	2Ed. 3/2/85 LAST NM 1/86 Add	Depth 11.3 meters	(12(223)85 Sydney) 19/86 10°30.46'S 142°15.71'E
74295	2Ed. 3/2/85 LAST NM 19/86 Relocate	Buoy close NW to and change period to 2½s	(3(70)86 Sydney) 20/86 10°34.12'S 142°15.37'E
74295	2Ed. 3/2/85 LAST NM 20/86 Add	Position circles (accurate) "Tide gauge"	(33(500)86 Sydney) 43/86 10°30.94'S 142°18.23'E 10°31.33'S 142°12.72'E 10°33.89'S 142°08.73'E
		Legends "Tide gauge (see Note)"	10°29.00'S 142°26.70'E 10°32.90'S 142°26.40'E 10°34.10'S 142°07.00'E
		Note "TORRES STRAIT - TIDE GAUGES Details of telemetered tidal heights from Booby Island are given in Pub 117B. Tidal heights for Ince Point, Turtle Head and Goods Island are transmitted every four minutes on VHF channel 88, 87 and 85 respectively."	10°24.00'S 142°22.00'E
74295	2Ed. 3/2/85 LAST NM 43/86 Add	Depth 10.8 meters Legend "Less water (rep !986)"	(37(539)86 Sydney) 45/86 10°29.84'S 142°21.07'E 10°29.80'S 142°21.20'E
74295	2Ed. 3/2/85 LAST NM 45/86 Substitute	Dashed line (range line) for solid line between	(38(559)86 Sydney) 47/86 10°29.85'S 142°23.35'E 10°29.85'S 142°20.45'E
74295	2Ed. 3/2/85 LAST NM 47/86 Delete Add	Buoy "East" Buoy, BRB, pillar, double ball topmark, Fl(2) 6s	(45(633)86 Sydney) 1/87 10°29.9'S 142°21.5'E 10°29.80'S 142°21.06'E

74295 2Ed. 3/2/85 LAST NM 1/87

Delete — Traffic direction arrows — (40(581)86 Sydney) 10/87
10°31.3'S 142°11.2'E
10°31.4'S 142°11.2'E
10°29.7'S 142°17.6'E
10°29.9'S 142°17.6'E
10°31.3'S 142°24.6'E
10°32.2'S 142°24.3'E
10°32.4'S 142°26.5'E
10°34.7'S 142°27.5'E
10°34.9'S 142°27.4'E

Add — Dashed open-outlined double-ended arrow symbols indicating flow of traffic oriented 056°-236°, 092°-272°, 120°-300°, 132°-312° — 10°31'20"S 142°11'09"E; 10°29'50"S 142°17'37"E; 10°32'42"S 142°27'00"E; 10°34'47"S 142°27'26"E

Legends "(see Note)" — 10°32'37"S 142°09'26"E; 10°30'19"S 142°16'03"E

Note (Two-Way Route) from back of Section I — 10°25'06"S 142°26'20"E

74295 2Ed. 3/2/85 LAST NM 10/87

Relocate — Light close WSW to — (20(243)87 Sydney) 29/87
10°34.97'S 142°11.85'E

Buoys close SSE to close SW — 10°34.19'S 142°15.39'E; 10°35.15'S 142°14.49'E

Change — Characteristic of beacon to Fl R 2½s — 10°34.43'S 142°10.00'E

74295 2Ed. 3/2/85 LAST NM 29/87

Delete — Depths 3 meters, 2.1 meters, 1.9 meters — (49(610)87 Sydney) 6/88
10°34.25'S 142°15.33'E
10°34.27'S 142°15.49'E
10°34.25'S 142°15.60'E

Add — Dangerous wreck — 10°34.01'S 142°14.23'E

Depths 3.7 meters, 2.6 meters, 1.7 meters, 1.8 meters — 10°34.17'S 142°15.29'E; 10°34.23'S 142°15.37'E; 10°34.25'S 142°15.49'E; 10°34.24'S 142°15.66'E

74295 2Ed. 3/2/85 LAST NM 6/88

Delete — Buoy — (2(57)88 Sydney) 14/88
10°29.8'S 142°21.1'E

Add — Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s — 10°29.90'S 142°21.11'E

74295 2Ed. 3/2/85 LAST NM 14/88

Add — Depth 11.5 meters — (8(125)88 Sydney) 24/88
10°30.36'S 142°16.01'E

74295 2Ed. 3/2/85 LAST NM 24/88

Delete — Legend "(Storm Sig)" — (24(358, 359), 27(399)88 Sydney) 44/88
Buoy — 10°34.1'S 142°09.2'E
10°33.5'S 142°18.4'E

Change — Lights to Q 105m 11M, Fl WR 2½s 8m 10/7M — 10°34.0'S 142°09.1'E
10°33.7'S 142°09.2'E

Add — Light Fl WRG 2½s 12m 10-8M with sectors green 075°-086°, white-094°, red-101°, white-075° — 10°33.31'S 142°19.73'E

74295 2Ed. 3/2/85 LAST NM 44/88

Substitute — Depth 1.7 meters for 2.4 meters — (Aus CH 293) 12/89
10°34.08'S 142°17.08'E

★74296 2Ed. 1/1/83 — NEW EDITION — (DMAHTC; 29(427)80 Sydney; NVS6317/81) 10/83

Change — Note (IALA Buoyage) in upper left margin of chart to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."

(continued on next page)

			10/83
*74296	(Continued)		
		(And Plan)	
	Delete	Depth 9.4 meters Obstr "Rep (1980)" and buoy close W	10°35'00"S 141°53'00"E
74296	2Ed. 1/1/83 LAST NM 10/83		(Aus CH 700) 3/84
		(And Plan)	
	Delete	Dangerous wreck	10°35'27"S 141°53'07"E
74296	2Ed. 1/1/83 LAST NM 3/84		(4(90)86 Sydney) 15/86
	Add	Legend "See Anchorage Note"	10°33.2'S 142°04.3'E
		Note "FAIRWAY ANCHORAGE An anchorage area, least depth 120 meters and radius 800 meters, centered in position 10°33.43'S 142°04.28'E."	10°47.0'S 142°05.0'E
74296	2Ed. 1/1/83 LAST NM 15/86		(11(204)86 Sydney) 18/86
	Add	Depth 9.6 meters	10°32.29'S 142°05.95'E
74296	2Ed. 1/1/83 LAST NM 18/86		(33(500)86 Sydney) 43/86
	Add	Position circle (accurate) "Tide gauge"	10°33.89'S 142°08.73'E
		Legend "Tide gauge (see Note)"	10°37.20'S 141°51.10'E
		Note "TORRES STRAIT - TIDE GAUGES Details of telemetered tidal heights from Booby Island are given in Pub 117B. Tidal heights for Ince Point, Turtle Head and Goods Island are transmitted every four minutes on VHF channels 88, 87 and 86 respectively."	10°43.80'S 141°58.20'E
		(And Plan)	
	Add	Position circle (accurate) "Tide gauge"	10°36.28'S 141°54.56'E
74296	2Ed. 1/1/83 LAST NM 43/86		(40(581)86 Sydney; Aus CH 296) 10/87
	Delete	Bearing line and legend "Goode I light 088°" between	10°34.0'S 142°09.0'E 10°34.3'S 142°00.1'E
		Dashed lines (recommended track) and legends "088°-268°" between	10°34.3'S 142°00.1'E 10°34.5'S 141°54.6'E
		"060°-240°" between	10°34.5'S 141°54.6'E 10°36.9'S 141°50.3'E
	Add	Purple dashed lines (outside limit of two-way route) joining	10°31'54"S 142°09'59"E 10°33'16"S 142°07'54"E 10°33'45"S 141°56'00"E
		joining	10°32'30"S 142°09'59"E 10°34'24"S 142°07'05"E 10°34'51"S 141°56'00"E
		Legend "TWO-WAY ROUTE (see Note)" between	10°34'00"S 142°05'12"E 10°34'04"S 142°01'30"E
		Dashed open-outlined double-ended arrow symbol indicating flow of traffic oriented 088°-268°	10°34'10"S 141°58'30"E
		Note (Two-Way Route) from back of Section I	10°22'48"S 141°42'04"E
		(Plan)	
	Delete	Dashed lines (recommended track) and legends "088°-268°" between	10°34'28"S 141°55'42"E 10°34'31"S 141°54'35"E
		"060°-240°" between	10°34'31"S 141°54'35"E 10°36'08"S 141°51'42"E

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74296 2Ed. 1/1/83 LAST NM 10/87 — (19(237)87 Sydney) 29/87

Delete	Depths 9.8 meters	10°35.33'S 141°53.00'E
	9.9 meters	10°35.11'S 141°53.70'E
	(And Plan)	
Add	Depths 9.6 meters	10°35.351'S 141°53.176'E
	9.6 meters	10°35.113'S 141°53.635'E

74296 2Ed. 1/1/83 LAST NM 29/87 — (22(273)87 Sydney) 37/87

Add	Depth 10.2 meters	10°34.52'S 141°56.31'E

74296 2Ed. 1/1/83 LAST NM 37/87 — (24(359)88 Sydney) 44/88

Change	Lights to Fl WR 2½s 8m 10/7M	10°33.7'S 142°09.2'E
	Q 105m 11M	10°34.0'S 142°09.0'E

74296 2Ed. 1/1/83 LAST NM 44/88 — (34(493)88 Sydney) 50/88

Substitute	Depth 7.3 meters for dangerous submerged rock	10°21.1'S 142°02.6'E

★74310 1Ed. 7/14/79 NEW CHART — (DMAHTC) 46/79

Change	DMA Stock No. to 74BCO74310 in lower right corner of chart	

74310 1Ed. 7/14/79 LAST NM 46/79 — (36(509)80 Sydney) 42/80

Add	Danger circle "Obstr" (PA)	14°43.0'S 141°25.5'E

74310 1Ed. 7/14/79 LAST NM 42/80 — (49(680)80 Sydney) 8/81

Add	Dangerous wreck "Rep (1980)"	13°53'S 141°26'E

74310 1Ed. 7/14/79 LAST NM 8/81 — (29(419)81 Sydney) 45/81

Delete	Solid line between	14°55.5'S 141°38.0'E
		14°56.4'S 141°37.8'E
Substitute	Land tint for blue tint centered	14°55.6'S 141°37.8'E
Add	Solid line between	14°55.1'S 141°37.3'E
		14°56.4'S 141°37.8'E
	Position circle "Tanks"	14°54.3'S 141°37.0'E
	Double dotted line "Sand bank, Rep (1981)" between	15°10.9'S 141°34.3'E
		15°12.4'S 141°34.6'E

74310 1Ed. 7/14/79 LAST NM 45/81 — (50(843)84 Sydney) 8/85

Add	Depths 7 fathoms 4 feet	13°08.7'S 141°23.2'E
	5 fathoms	13°14.5'S 141°29.2'E
	6 fathoms 3 feet	13°15.6'S 141°23.3'E
	5 fathoms 4 feet	13°16.3'S 141°16.1'E
	4 fathoms 5 feet	13°20.0'S 141°23.4'E

74310 1Ed. 7/14/79 LAST NM 8/85 — (5(59)87 Sydney) 14/87

Add	Dangerous wreck (PA)	15°38'S 141°23'E

74310 1Ed. 7/14/79 LAST NM 14/87 — (7(80)87 Sydney) 15/87

Add	Wreck	14°00.6'S 140°00.2'E

74310 1Ed. 7/14/79 LAST NM 15/87 — (13(198)88 Sydney) 29/88

Add	Depth 5 fathoms (SD)	14°12.0'S 141°20.5'E

★74320 2Ed. 7/13/85 NEW EDITION — (DMAHTC; BA LL) 40/85

	(And Plan A)	
Change	Light to F 108ft with legend "R TR"	17°29.25'S 140°50.26'E

74320 2Ed. 7/13/85 LAST NM 40/85 — (18(228)87 Sydney) 29/87

Add	Drying height 8 feet "Rep (1987)", enclosed by danger circle, radius 1 mile, centered	16°46.0'S 140°50.5'E

74320 2Ed. 7/13/85 LAST NM 29/87 — (29(431)88 Sydney) 44/88

Delete	Depth 6 fathoms 5 feet	16°17.0'S 139°26.1'E
Add	Depths 8 fathoms 5 feet (SD)	15°58.9'S 139°06.3'E
	8 fathoms 3 feet (SD)	16°04.1'S 138°54.4'E
	6 fathoms 4 feet (SD)	16°11.8'S 139°24.0'E
	6 fathoms 4 feet (SD)	16°14.4'S 139°26.7'E
	5 fathoms 2 feet (SD)	16°17.2'S 139°25.7'E
	1 fathom (SD)	16°33.8'S 139°48.8'E

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74320	(Continued)		44/88
	Add	Legend "(ED)"	16°23.0'S 139°43.5'E
*74330	2Ed. 7/27/85	NEW EDITION	(DMAHTC; 27(452)83 Sydney) 40/85
	Add	Legend "Rep (1982)" to depths	
		22 fathoms	15°36.0'S 138°08.0'E
		21 fathoms	15°38.6'S 138°11.9'E
		21 fathoms	15°41.7'S 138°17.0'E
		20 fathoms	15°46.2'S 138°24.4'E
		18 fathoms	15°48.5'S 138°29.1'E
		17 fathoms	15°49.9'S 138°31.6'E
		16 fathoms	15°52.4'S 138°35.6'E
		14 fathoms	15°54.8'S 138°39.5'E
		13 fathoms	16°00.8'S 138°50.4'E
		15 fathoms	16°05.6'S 138°58.4'E
74330	2Ed. 7/27/85 LAST NM 40/85		(37(569)85 Sydney) 46/85
	Add	Depth 2 fathoms 1 foot "Rep (1985)"	16°04.3'S 137°59.3'E
74330	2Ed. 7/27/85 LAST NM 46/85		(47(590)87 Sydney) 6/88
	Add	Wreck	15°24.6'S 137°37.2'E
74330	2Ed. 7/27/85 LAST NM 6/88		(8(127)88 Sydney) 24/88
	Add	Depth 5 fathoms 3 feet "Rep (1988)"	15°34.4'S 137°22.2'E
74330	2Ed. 7/27/85 LAST NM 24/88		(12(185)88 Sydney) 25/88
	Delete	Depths 18 fathoms	15°08.2'S 137°17.4'E
		8 fathoms 3 feet "Unexamd."	15°13.6'S 137°28.7'E
		1 fathom 4 feet "Rep (1982)"	15°44.5'S 137°15.5'E
		11 fathoms	15°46.8'S 137°41.4'E
	Substitute	Depth 5 fathoms 3 feet (SD) for 6 fathoms "Unexamd."	15°52.6'S 137°55.5'E
		Depth 4 fathoms 1 foot (SD) for 5 fathoms 3 feet "Rep (1988)" (Supersedes 24/88-74330)	15°34.4'S 137°22.2'E
	Add	Depth 7 fathoms 5 feet (SD)	15°08.1'S 137°17.9'E
		8 fathoms 3 feet (SD)	15°14.2'S 137°28.2'E
		8 fathoms (SD)	15°14.2'S 137°15.7'E
		6 fathoms 5 feet (SD)	15°15.8'S 137°14.4'E
		8 fathoms 4 feet (SD)	15°38.9'S 137°49.3'E
		7 fathoms 5 feet (SD)	15°41.5'S 137°46.2'E
		1 fathom 1 foot (SD)	15°43.8'S 137°15.8'E
		5 fathoms 3 feet (SD)	15°47.1'S 137°41.4'E
		6 fathoms 2 feet (SD)	15°47.4'S 137°51.0'E
		6 fathoms 3 feet (SD)	15°49.6'S 137°58.9'E
		6 fathoms 3 feet (SD)	15°54.8'S 138°03.7'E
74330	2Ed. 7/27/85 LAST NM 25/88		(29(431, 432)88 Sydney) 44/88
	Delete	Depths 22 fathoms	15°29.2'S 137°37.7'E
		6 fathoms 5 feet	16°17.0'S 139°26.0'E
	Add	Depths 7 fathoms 3 feet (SD)	15°29.4'S 137°37.4'E
		6 fathoms (SD)	16°00.0'S 138°10.2'E
		6 fathoms 2 feet (SD)	16°00.3'S 137°57.9'E
		8 fathoms 3 feet (SD)	16°04.1'S 138°54.4'E
		8 fathoms 5 feet (SD)	15°58.9'S 139°06.3'E
		6 fathoms 4 feet (SD)	16°11.8'S 139°24.0'E
		6 fathoms 4 feet (SD)	16°14.4'S 139°26.7'E
		5 fathoms 2 feet (SD)	16°17.2'S 139°25.7'E
		1 fathom (SD)	16°33.8'S 139°48.8'E
		Legend "(ED)"	16°23.1'S 139°43.9'E
*74340	2Ed. 6/22/85	NEW EDITION	(DMAHTC) 37/85
74340	2Ed. 6/22/85 LAST NM 37/85		(51(749)85 Sydney) 9/86
	Delete	Depth 3 fathoms	13°20.0'S 136°31.5'E
74340	2Ed. 6/22/85 LAST NM 9/86		(19(326)86 Sydney) 27/86
	Add	Dangerous submerged rock "Rep (1986)"	15°10.5'S 135°57.3'E
74340	2Ed. 6/22/85 LAST NM 27/86		(2(44)86 Sydney) 33/86
	Add	Buoy, Y, spherical, "X" topmark	13°50.4'S 136°19.1'E

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74340	2Ed. 6/22/85 LAST NM 33/86		(Aus CH 14) 52/87
	Relocate	Light close SW to	13°47.3'S 136°16.8'E
74340	2Ed. 6/22/85 LAST NM 52/87		(12(185)88 Sydney) 25/88
	Delete	Dangerous submerged rock (PA)	14°47.0'S 135°52.2'E
		Depths 18 fathoms	15°08.0'S 137°17.5'E
		1 fathom 4 feet "Rep (1982)"	15°44.4'S 137°15.6'E
	Add	Dangerous submerged rock	14°46.6'S 135°52.1'E
		Depths 7 fathoms 5 feet (SD)	15°08.0'S 137°17.9'E
		8 fathoms (SD)	15°14.2'S 137°15.7'E
		6 fathoms 5 feet (SD)	15°15.8'S 137°14.4'E
		1 fathom 1 foot (SD)	15°43.8'S 137°15.8'E
74340	2Ed. 6/22/85 LAST NM 25/88		(13(199)88 Sydney) 29/88
	Delete	Depth 11 fathoms	14°23.8'S 136°35.4'E
	Add	Depth 6 fathoms 4 feet (SD)	14°23.1'S 136°34.6'E
74340	2Ed. 6/22/85 LAST NM 29/88		(48(682)88 Sydney) 10/89
	Add	Stranded wreck	13°40.1'S 136°34.4'E
74340	2Ed. 6/22/85 LAST NM 10/89		(1(40)89 Sydney) 12/89
	Delete	Dashed line (recommended track), two-way directional arrowheads, legends "070°-250°" and "041°-221°" between	13°35.5'S 136°33.0'E 13°46.5'S 136°19.1'E
		Depths 4 fathoms 3 feet	13°47.5'S 136°24.1'E
		4 fathoms 5 feet	13°48.5'S 136°23.0'E
		10 fathoms 4 feet	13°48.5'S 136°24.0'E
		3 fathoms 4 feet	13°49.5'S 136°24.4'E
		9 fathoms 5 feet	13°52.8'S 136°22.7'E
	Add	Dashed lines joining	13°50.6'S 136°22.1'E 13°51.2'S 136°21.8'E 13°51.9'S 136°20.8'E 13°51.8'S 136°19.5'E 13°51.4'S 136°19.1'E 13°50.5'S 136°19.9'E
		joining	13°50.2'S 136°20.0'E 13°48.7'S 136°20.0'E 13°47.6'S 136°20.2'E 13°46.7'S 136°20.9'E 13°46.8'S 136°22.0'E 13°46.6'S 136°22.4'E 13°47.1'S 136°22.7'E 13°47.8'S 136°22.1'E 13°48.6'S 136°21.7'E
		Legends "Unsurveyed"	13°48.0'S 136°21.0'E 13°51.2'S 136°20.4'E
		Dangerous submerged rocks	13°49.2'S 136°25.0'E 13°48.8'S 136°25.4'E
		Depths 4 fathoms 1 foot	13°47.3'S 136°24.5'E
		9 fathoms	13°48.0'S 136°24.3'E
		4 fathoms 2 feet	13°48.8'S 136°22.4'E
		8 fathoms 5 feet	13°53.5'S 136°22.5'E
74340	2Ed. 6/22/85 LAST NM 12/89		(5(106)89 Sydney) 16/89
	Add	Depth 6 fathoms (PA)	13°55.0'S 136°15.8'E
★**74350**	2Ed. 8/10/85	NEW EDITION	(DMAHTC) 47/85
74350	2Ed. 8/10/85 LAST NM 47/85		(46(674)85 Sydney) 52/85
	Add	Submerged rock "Rep (1985)"	12°05.5'S 136°51.0'E 12°06.3'S 136°51.0'E

74350 2Ed. 8/10/85 LAST NM 52/85

Add	Depths	10 fathoms "Rep (1985)"
		8 fathoms 5 feet "Rep (1985)"
		9 fathoms "Rep (1985)"
		9 fathoms 2 feet "Rep (1985)"
		9 fathoms 3 feet "Rep (1985)"
		11 fathoms "Rep (1985)"
		13 fathoms "Rep (1985)"
		14 fathoms "Rep (1985)"
		14 fathoms "Rep (1985)"
		21 fathoms "Rep (1985)"
		22 fathoms "Rep (1985)"

74350 2Ed. 8/10/85 LAST NM 9/86

Add	Depth	2 fathoms "Rep (1986)"

74350 2Ed. 8/10/85 LAST NM 18/86

Add	Dangerous submerged rock with legend "Rep (1986)"	

74350 2Ed. 8/10/85 LAST NM 43/86

Delete	Legend "Repd to extend N.E. (1967)"	
	Depth	10 fathoms
	Dangerous submerged rocks	
Add	Legend "See Caution"	
	Rock which does not cover (3)	
	Depths	7 fathoms 2 feet
		11 fathoms
		11 fathoms
		5 fathoms
		4 fathoms 2 feet
		9 fathoms 5 feet
		6 fathoms 2 feet
		6 fathoms 4 feet
		8 fathoms 3 feet
		3 fathoms 5 feet
		9 fathoms 3 feet

74350 2Ed. 8/10/85 LAST NM 7/88

Delete	Legends, each "Rep (1985)" from depths	
		11 fathoms
		13 fathoms
		14 fathoms
		14 fathoms
		21 fathoms
		22 fathoms
	Legends, each "Rep (1983)" from depths	
		17 fathoms
		16 fathoms
		15 fathoms
		14 fathoms
		13 fathoms
Add	Depths	14 fathoms
		0 fathom 1 foot
		6 fathoms
		9 fathoms
		12 fathoms

74350 2Ed. 8/10/85 LAST NM 14/88

Delete	Depth	3 fathoms "Unexamd (1943)"
Add	Dangerous submerged rock "Rep (1988)"	

★74376 3Ed. 2/9/85 NEW EDITION

74376 3Ed. 2/9/85 LAST NM 17/85

Add	Stranded wreck	
	Depth	3 meters "Rep (1985)"

(50(738)85 Sydney) 9/86
11°23.4'S 136°27.3'E
11°27.2'S 136°24.5'E
11°28.3'S 136°23.5'E
11°29.6'S 136°22.3'E
11°31.4'S 136°20.9'E
11°34.6'S 136°24.2'E
11°35.2'S 136°26.3'E
11°36.1'S 136°27.9'E
11°37.2'S 136°29.3'E
11°38.0'S 136°35.2'E
11°39.2'S 136°38.0'E

(11(205)86 Sydney) 18/86
11°49.2'S 136°02.9'E

(35(519)86 Sydney) 43/86

11°53.4'S 136°31.8'E

(51(634)87 Sydney) 7/88
12°03.5'S 136°38.3'E
11°52.6'S 136°34.5'E

11°52.0'S 136°33.9'E
11°52.6'S 136°32.5'E

11°58.0'S 136°33.0'E
12°03.7'S 136°36.6'E

11°43.8'S 136°39.2'E
11°42.7'S 136°32.9'E
11°45.3'S 136°28.8'E
11°47.3'S 136°30.0'E
11°48.6'S 136°30.5'E
11°48.2'S 136°32.9'E
11°51.6'S 136°34.1'E
11°52.5'S 136°32.5'E
11°52.9'S 136°35.1'E
12°01.6'S 136°35.7'E
12°05.3'S 136°38.0'E

(50(738)86, 3(69)88 Sydney) 14/88

11°34.6'S 136°24.2'E
11°35.2'S 136°26.3'E
11°36.1'S 136°27.9'E
11°37.2'S 136°29.3'E
11°38.0'S 136°35.2'E
11°39.2'S 136°38.0'E

11°39.2'S 136°35.6'E
11°40.2'S 136°32.8'E
11°40.9'S 136°31.3'E
11°41.9'S 136°29.3'E
11°43.2'S 136°27.5'E

11°37.4'S 136°33.9'E
11°28.7'S 136°29.0'E
11°31.4'S 136°28.5'E
11°32.8'S 136°27.9'E
11°34.1'S 136°35.0'E

(42(585)88 Sydney) 5/89
11°28.2'S 136°10.6'E

11°28.3'S 136°11.0'E

(DMAHTC) 17/85

(26(390, 391)85 Sydney) 32/85
11°40.2'S 136°50.3'E
11°49.5'S 136°26.5'E

SUBREGION
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74376	3Ed. 2/9/85 LAST NM 32/85		(46(674)85 Sydney) 52/85
	Add	Submerged rock "Rep (1985)"	12°05.5'S 136°51.0'E
			12°06.3'S 136°51.0'E
74376	3Ed. 2/9/85 LAST NM 52/85		(50(738)85 Sydney) 9/86
	Add	Depths 18.3 meters "Rep (1985)"	11°23.4'S 136°27.3'E
		16.3 meters "Rep (1985)"	11°27.2'S 136°24.5'E
		16.6 meters "Rep (1985)"	11°28.3'S 136°23.5'E
		17.0 meters "Rep (1985)"	11°29.6'S 136°22.3'E
		17.4 meters "Rep (1985)"	11°31.4'S 136°20.9'E
		21 meters "Rep (1985)"	11°34.6'S 136°24.2'E
		24 meters "Rep (1985)"	11°35.2'S 136°26.3'E
		25 meters "Rep (1985)"	11°36.1'S 136°27.9'E
		26 meters "Rep (1985)"	11°37.2'S 136°29.3'E
		26 meters "Rep (1985)"	11°37.4'S 146°33.9'E
		32 meters "Rep (1985)"	11°38.0'S 136°35.2'E
		40 meters "Rep (1985)"	11°39.2'S 136°38.0'E
74376	3Ed. 2/9/85 LAST NM 9/86		(35(519)86 Sydney) 43/86
	Delete	Depth 33 meters	11°53.4'S 136°31.7'E
	Add	Dangerous submerged rock with legend "Rep (1986)"	11°53.4'S 136°31.8'E
74376	3Ed. 2/9/85 LAST NM 43/86		(7(81)87 Sydney) 15/87
		(Plan)	
	Add	Light Fl R 4s	12°12.32'S 136°40.76'E
74376	3Ed. 2/9/85 LAST NM 15/87		(51(634)87 Sydney) 7/88
	Delete	Legends	
		"Repd to extend N. Eastward (1967)"	12°03.3'S 136°37.4'E
		"Unsurveyed (see Caution)"	12°02.0'S 136°36.5'E
		Dangerous submerged rock	11°52.7'S 136°32.6'E
			11°52.1'S 136°32.8'E
			11°52.1'S 136°33.9'E
		Depths 29 meters	11°51.3'S 136°33.1'E
		18 meters	11°51.8'S 136°33.1'E
		27 meters	11°52.7'S 136°35.3'E
		24 meters	12°05.5'S 136°37.9'E
	Add	Rock which covers and uncovers with legend "Dries 2.1m"	11°44.20'S 136°36.70'E
		Rock which does not cover (1)	12°03.70'S 136°36.61'E
		Depths 13.5 meters	11°43.81'S 136°39.19'E
		7.4 meters	11°43.70'S 136°37.20'E
		20.2 meters	11°42.74'S 136°32.90'E
		20.8 meters	11°45.25'S 136°28.81'E
		7.5 meters	11°47.21'S 136°29.13'E
		9.3 meters	11°47.34'S 136°29.99'E
		8 meters	11°48.60'S 136°30.49'E
		18.2 meters	11°48.20'S 136°32.94'E
		14.7 meters	11°50.73'S 136°30.00'E
		29 meters	11°51.60'S 136°33.05'E
		11.6 meters	11°51.63'S 136°34.07'E
		12.4 meters	11°52.47'S 136°32.50'E
		15.5 meters	11°52.87'S 136°35.06'E
		24 meters	11°54.19'S 136°36.20'E
		7.1 meters	12°01.62'S 136°35.73'E
		17.2 meters	12°05.30'S 136°38.02'E
		Legend "UNSURVEYED (SEE CAUTION)"	11°58.00'S 136°34.00'E
74376	3Ed. 2/9/85 LAST NM 7/88		(3(69)88 Sydney) 14/88
	Delete	Depth 16.3 meters	11°33.1'S 136°20.9'E
		Legend " Unsurveyed (see caution)"	11°39.6'S 136°29.1'E
		Legends, each "Rep (1985)" from depths	
		21 meters	11°34.6'S 136°24.2'E
		24 meters	11°35.2'S 136°26.3'E
		25 meters	11°36.1'S 136°27.9'E
		26 meters	11°37.2'S 136°29.3'E
		26 meters	11°37.4'S 136°33.9'E
		32 meters	11°38.0'S 136°35.2'E
		40 meters	11°39.2'S 136°38.0'E

(continued on next page)

14/88

74376 (Continued)

Delete	Legends, each "Rep (1983)" from depths	
	31 meters	11°39.1'S 136°35.6'E
	29 meters	11°40.4'S 136°32.8'E
	28 meters	11°41.0'S 136°31.4'E
	26 meters	11°41.9'S 136°29.2'E
	25 meters	11°43.0'S 136°27.6'E
Add	Depths 7.6 meters	11°32.9'S 136°21.3'E
	0.5 meter	11°28.7'S 136°29.0'E
	5.6 meters	11°29.2'S 136°29.1'E
	11.2 meters	11°31.4'S 136°28.5'E
	16.3 meters	11°32.4'S 136°28.9'E
	16.4 meters	11°32.8'S 136°27.9'E
	22.6 meters	11°34.1'S 136°35.0'E
	Legend "UNSURVEYED (SEE CAUTION)"	11°44.0'S 136°20.0'E

*74380 3Ed. 8/25/84 NEW EDITION (DMAHTC) 44/84

74380 3Ed. 8/25/84 LAST NM 44/84 (2(46)86 Sydney) 33/86

Delete	Depth 15 fathoms	11°28.0'S 133°42.9'E
Add	Depth 6 fathoms "Rep (1985)"	11°27.5'S 133°42.1'E

74380 3Ed. 8/25/84 LAST NM 33/86 (10(115)87 Sydney) 17/87

Delete	Depth 30 fathoms	10°19.8'S 132°42.3'E
Add	Depth 2 fathoms (SD)	10°20.0'S 132°42.4'E

74380 3Ed. 8/25/84 LAST NM 17/87 (44(547)87 Sydney) 1/88

Add	Light Fl(4) 16s 33ft 10M	11°53.5'S 134°13.4'E

74380 3Ed. 8/25/84 LAST NM 1/88 (13(200)88 Sydney) 29/88

Add	Depth 9¾ fathoms (SD)	11°14.1'S 134°44.5'E

74380 3Ed. 8/25/84 LAST NM 29/88 (24(360), 25(375), 30(447)88 Sydney) 44/88

Delete	Depth 19 fathoms	11°03.1'S 131°59.5'E
Add	Depth 4 fathoms "Rep (1988)" (PA)	11°03.0'S 131°59.8'E
	Light Fl 5s 105ft 10M	10°58.8'S 132°35.7'E
	Buoy BY, pillar, double cone topmark points upward, Q	11°02.8'S 132°05.0'E

74380 3Ed. 8/25/84 LAST NM 44/88 (MCNM8188/88) 2/89

Delete	Depth 2 fathoms (SD)	10°20.0'S 132°42.4'E
Add	Depth 2½ fathoms	10°19.5'S 132°42.4'E

74391 2Ed. 7/13/70 LAST NM 40/73 (29(287)75 Sydney) 37/75

Delete	Legend "Channel marked with stakes"	11°18.5'S 131°48.0'E
Add	Legend "ruins" against Jetty	11°18.6'S 131°46.6'E

74391 2Ed. 7/13/70 LAST NM 37/75 (20(190)77 Sydney) 32/77

Add	Depths 3 fathoms 5 feet in	11°59'03"S 131°31'39"E
	3 fathoms 2 feet	12°01'30"S 131°32'15"E
	5 fathoms 1 foot	11°59'18"S 131°43'48"E
	4 fathoms 5 feet	11°59'15"S 131°45'24"E
	2 fathoms	12°08'12"S 131°47'51"E
	1 fathom 2 feet	12°10'30"S 131°48'45"E
	2 fathoms 1 foot	12°06'36"S 131°51'15"E
	6 fathoms 4 feet	11°59'09"S 131°54'09"E
	2 fathoms 3 feet	12°01'06"S 131°55'09"E
	5 fathoms 1 foot	11°59'51"S 132°04'54"E
	4 fathoms 5 feet	12°00'54"S 132°08'48"E

74391 2Ed. 7/13/70 LAST NM 32/77 (9(122)78 Sydney) 19/78

Add	Note from back of Section I	11°33'S 131°22'E

74391 2Ed. 7/13/70 LAST NM 19/78 (41(563)81 Sydney) 14/82

Change	Buoy "No 1" to port buoy: "No 1", red, can topmark, Fl(4) R 16s	11°49.7'S 131°31.6'E

74391	2Ed. 7/13/70 LAST NM 14/82		(50(673)81 Sydney) 36/82
	Substitute	Dangerous wreck for stranded wreck	11°06.3'S 131°59.6'E
74391	2Ed. 7/13/70 LAST NM 36/82		(26(432)83 Sydney) 39/83
	Change	Light to Fl 10s 163ft 22M	11°18.5'S 131°45.8'E
74391	2Ed. 7/13/70 LAST NM 39/83		(40(582)86 Sydney) 51/86
	Change	Light to Fl(3) WR 15s 56ft 12/9 M	12°02.8'S 131°17.4'E
74391	2Ed. 7/13/70 LAST NM 51/86		(24(360, 361), 30(447)88 Sydney) 44/88
	Delete	Reef	11°12.4'S 131°22.3'E
		Dangerous submerged rocks (5) in vicinity	11°03.5'S 132°05.0'E
		Depths 10 fathoms	11°02.8'S 132°05.3'E
		4 fathoms	11°03.2'S 132°04.8'E
		1 fathom 4 feet	11°03.6'S 132°05.2'E
		6 fathoms	11°03.5'S 132°04.4'E
		11 fathoms	11°03.8'S 132°04.2'E
		2 fathoms 3 feet	11°03.7'S 132°05.6'E
		12 fathoms (no bottom found)	11°10.3'S 131°22.8'E
		14 fathoms (no bottom found)	11°11.8'S 131°23.8'E
		10 fathoms (no bottom found)	11°13.7'S 131°26.0'E
		18 fathoms	11°02.7'S 131°59.5'E
	Add	Dangerous submerged rock	11°03.2'S 132°04.8'E
			11°03.4'S 132°05.2'E
		Buoys BY, pillar, double cone topmark points upward, Q	11°02.7'S 132°05.0'E
		YB, pillar, double cone topmark points downward, Q(6) L Fl 15s	11°03.4'S 132°04.9'E
		Depths 15 fathoms	11°00.2'S 132°06.8'E
		14 fathoms	11°00.5'S 132°08.5'E
		13 fathoms	11°01.9'S 132°08.4'E
		14 fathoms	11°01.7'S 132°06.8'E
		16 fathoms	11°01.9'S 132°05.1'E
		15 fathoms	11°02.1'S 132°03.4'E
		15 fathoms	11°02.5'S 132°02.1'E
		14 fathoms	11°03.7'S 132°01.8'E
		4 fathoms 4 feet	11°03.0'S 132°04.6'E
		2 fathoms 3 feet	11°02.8'S 132°05.0'E
		4 fathoms	11°03.3'S 132°05.4'E
		14 fathoms	11°03.8'S 132°04.9'E
		5 fathoms "Rep (1979)"	11°04.8'S 132°06.3'E
		3 fathoms 5 feet	11°15.4'S 131°26.6'E
		11 fathoms	11°14.2'S 131°25.3'E
		5 fathoms	11°14.7'S 131°24.6'E
		6 fathoms 4 feet	11°14.7'S 131°23.8'E
		5 fathoms 3 feet	11°14.9'S 131°22.3'E
		6 fathoms	11°13.2'S 131°21.3'E
		8 fathoms 5 feet	11°12.2'S 131°20.9'E
		6 fathoms	11°10.8'S 131°20.6'E
		15 fathoms	11°10.0'S 131°22.0'E
		17 fathoms	11°10.4'S 131°24.5'E
		9 fathoms 5 feet	11°11.1'S 131°23.0'E
		9 fathoms 5 feet	11°11.3'S 131°23.8'E
		12 fathoms	11°11.7'S 131°22.4'E
		5 fathoms 3 feet	11°11.7'S 131°23.6'E
		11 fathoms	11°13.1'S 131°23.1'E
		2 fathoms 5 feet	11°12.5'S 131°24.0'E
		1 fathom 1 foot	11°12.8'S 131°24.5'E
		0 fathom 4 feet	11°13.1'S 131°25.0'E
		23 fathoms	11°12.9'S 131°25.7'E
		23 fathoms	11°13.6'S 131°26.7'E
		4 fathoms "Rep (1988)" (PA)	11°03.0'S 131°59.8'E

★74392	6Ed. 9/6/86	NEW EDITION	(DMAHTC; 40(582)86 Sydney) 51/86
	Change	Light to Fl(3) WR 15s 56ft 12/9M Note: Sectors unchanged	12°02.8'S 131°17.4'E
74392	6Ed. 9/6/86 LAST NM 51/86		(20(246)87 Sydney) 29/87
	Delete	Bn (PA)	12°01.9'S 130°59.2'E

74392	6Ed. 9/6/86 LAST NM 29/87		(43(528)87 Sydney) 52/87
	Delete	Bn (PA)	12°02.8'S 131°00.1'E
		Position circle "Piles" (PA)	12°03.3'S 130°58.1'E
	Add	Light Fl(2) WR 10s 33ft 10/8M with sectors white 317°-020°, red-061°, white-244°	12°02.94'S 130°59.72'E
74392	6Ed. 9/6/86 LAST NM 52/87		(35(506)88 Sydney) 50/88
	Add	Depth 10¼ fathoms Wk marked close W by buoy Y, pillar. "X" topmark	12°10.6'S 130°40.6'E
★74393	8Ed. 8/27/88	NEW EDITION	(DMAHTC) 44/88
74393	8Ed. 8/27/88 LAST NM 44/88		(33(486), 35(506)88 Sydney) 50/88
	Add	Depths 11.6 meters 19 meters Wk marked close W by buoy Y, pillar. "X" topmark	12°21.48'S 130°42.72'E 12°10.60'S 130°40.60'E
74393	8Ed. 8/27/88 LAST NM 50/88		(10(174)89 Sydney) 22/89
	Substitute	Wreck for depth 13.7 meters	12°24.80'S 130°48.17'E
★74394	1Ed. 8/27/88	NEW CHART	(DMAHTC) 44/88
74394	1Ed. 8/27/88 LAST NM 44/88		(10(174)89 Sydney) 22/89
	Add	Wreck	12°24.80'S 130°48.17'E
★74410	1Ed. 12/1/84	NEW CHART	(DMAHTC; 51(865)84 Sydney) 14/85
	Add	Depth 8 fathoms 1 foot "Rep (1984)"	12°20.3'S 130°19.7'E
74410	1Ed. 12/1/84 LAST NM 14/85		(23(383)86 Sydney) 29/86
	Change	Visibility (range) of light to 10M	12°06.0'S 131°01.9'E
74410	1Ed. 12/1/84 LAST NM 29/86		(2(47)86 Sydney) 33/86
	Add	Danger circle "Rep (1925) PD"	12°34'S 130°02'E
74410	1Ed. 12/1/84 LAST NM 33/86		(43(528)87 Sydney) 52/87
	Add	Light Fl(2) WR 10/8M	12°02.9'S 130°59.7'E
74410	1Ed. 12/1/84 LAST NM 52/87		(45(570)87 Sydney) 1/88
	Add	Light L Fl WR 10s 33ft 10/8M with sectors white 062°-252°, red-062°	12°26.0'S 130°26.5'E
74410	1Ed. 12/1/84 LAST NM 1/88		(15(234)88 Sydney) 33/88
	Delete	Depths 7 fathoms 11 fathoms 36 fathoms	11°50.0'S 129°12.5'E 11°50.3'S 129°13.0'E 11°52.1'S 129°10.6'E
		Legend "Newby Shoal"	11°50.0'S 129°15.0'E
	Add	Depths 7 fathoms 11 fathoms	11°51.7'S 129°10.7'E 11°52.2'S 129°11.2'E
		Legend "Newby Shoal"	11°52.0'S 129°12.5'E
74410	1Ed. 12/1/84 LAST NM 33/88		(35(506)88 Sydney) 50/88
	Add	Depth 10 fathoms 2 feet Wk marked close W by buoy Y, pillar. "X" topmark	12°10.6'S 130°40.6'E
★74415	1Ed. 4/5/86	NEW CHART	(DMAHTC) 25/86
74415	1Ed. 4/5/86 LAST NM 25/86		(44(615, 616)88 Sydney) 5/89
	Delete	Buoy	14°29.0'S 128°18.0'E
	Change	Light to Fl 7½s 113m 17M Racon	14°44.3'S 128°17.8'E
★74420	1Ed. 12/22/84	NEW CHART	(DMAHTC; 51(865)84 Sydney) 17/85
	Add	Depth 8 fathoms 1 foot "Rep (1984)"	13°19.9'S 130°19.5'E
74420	1Ed. 12/22/84 LAST NM 17/85		(51(865)84 Sydney) 20/85
	Delete	Depth 8 fathoms 1 foot "Rep (1984)" (See 17/85-74420)	13°19.9'S 130°19.5'E

(continued on next page)

74420	(Continued)		20/85
	Add	Depth 8 fathoms 1 foot "Rep (1984)"	12°19.9'S 130°19.5'E
74420	1Ed. 12/22/84 LAST NM 20/85		(20(344)86 Sydney) 27/86
	Delete	Depths 2 fathoms 4 feet	13°24.3'S 129°53.5'E
		1 fathom 5 feet	13°39.1'S 129°43.4'E
		4 fathoms	13°49.0'S 129°41.8'E
		1 fathom 3 feet	13°53.7'S 129°33.9'E
		4 fathoms 2 feet	13°55.8'S 129°36.0'E
		4 fathoms 4 feet	13°52.7'S 129°37.0'E
		Dangerous submerged rock	13°49.4'S 129°38.0'E
		Danger circle "Discold"	13°27.5'S 129°50.3'E
	Add	Depths 2 fathoms	13°24.28'S 129°53.68'E
		1 fathom 4 feet	13°26.10'S 129°51.98'E
		0 fathom 3 feet	13°28.01'S 129°50.06'E
		1 fathom	13°39.08'S 129°43.78'E
		2 fathoms 4 feet	13°47.00'S 129°43.01'E
		0 fathom 5 feet	13°48.43'S 129°44.00'E
		1 fathom 5 feet	13°49.50'S 129°42.02'E
		1 fathom 1 foot	13°48.65'S 129°37.75'E
		1 fathom 3 feet	13°50.73'S 129°40.98'E
		2 fathoms 4 feet	13°53.60'S 129°39.46'E
		3 fathoms 4 feet	13°52.35'S 129°36.86'E
		2 fathoms 2 feet	13°55.37'S 129°38.68'E
		1 fathom 5 feet	13°58.10'S 129°39.46'E
		2 fathoms 1 foot	13°55.42'S 129°36.05'E
		1 fathom	13°53.93'S 129°33.94'E
		1 fathom 2 feet	13°54.99'S 129°34.48'E
		4 fathoms 3 feet	13°47.11'S 129°22.60'E
		1 fathom 1 foot	43°01.24'S 129°31.33'E
		3 fathoms 5 feet	14°00.87'S 129°33.30'E
74420	1Ed. 12/22/84 LAST NM 27/86		(2(47)86 Sydney) 33/86
	Add	Legend "Rep (1925) PD" to danger circle	12°34'S 130°02'E
74420	1Ed. 12/22/84 LAST NM 33/86		(20(344)86 Sydney) 34/86
	Add	Depth 1 fathom 1 foot (See 27/86-74420)	14°01.24'S 129°31.33'E
74420	1Ed. 12/22/84 LAST NM 34/86		(45(570)87 Sydney) 1/88
	Add	Light L Fl WR 10s 33ft 10/8M with sectors white 062°-252°, red-062°	12°26.0'S 130°26.5'E
74420	1Ed. 12/22/84 LAST NM 1/88		(39(539)88 Sydney) 53/88
	Add	Depths 7 fathoms 3 feet	12°56.3'S 129°56.6'E
		10 fathoms 5 feet	13°05.0'S 129°50.8'E
		8 fathoms 5 feet	13°19.6'S 129°46.2'E
		4 fathoms 4 feet	13°54.4'S 129°26.4'E
★**74430**	1Ed. 10/27/84	NEW CHART	(DMAHTC) 3/85
★**74440**	1Ed. 10/20/84	NEW CHART	(DMAHTC; Aus CH 318) 2/85
	Add	Note: "CAUTION" "This chart is not based on adequate hydrographic surveys in all areas and mariners are warned to proceed with caution because uncharted dangers may exist."	14°15'S 127°10'E
74440	1Ed. 10/20/84 LAST NM 2/85		(11(154)85 Sydney) 22/85
	Add	R Bn (AERO)	13°45.3'S 126°08.9'E
74440	1Ed. 10/20/84 LAST NM 22/85		(22(372)86 Sydney) 29/86
	Delete	Depth 7 fathoms "Repd (1983)"	14°08.5'S 125°41.1'E
	Add	Depths 5 fathoms 1 foot	14°08.8'S 125°40.8'E
		4 fathoms 3 feet	14°09.1'S 125°40.6'E
		3 fathoms	14°12.1'S 125°43.2'E
74440	1Ed. 10/20/84 LAST NM 29/86		(21(359)86 Sydney) 30/86
	Delete	Depth 6 fathoms	14°07.5'S 125°46.9'E
	Add	Depth 3 fathoms 2 feet	14°07.5'S 125°46.6'E

74480 1Ed. 10/20/84 LAST NM 30/86
Delete — Depth 7 fathoms 4 feet
Add — Depth 2 fathoms 4 feet "Rep (1986)"

74480 1Ed. 10/20/84 LAST NM 36/86
Change — Light to Fl(4) 16s 67ft 10M

74480 1Ed 10/20/84 LAST NM 43/86
Substitute — Depth 0 fathom 1 foot for
6 fathoms "Rep (1983)"

74480 1Ed. 10/20/84 LAST NM 18/87
Delete — Depths 18 fathoms
15 fathoms
19 fathoms "Rep (1982)"

Add — Depths 10 fathoms 3 feet
9 fathoms
7 fathoms
6 fathoms 5 feet
8 fathoms 5 feet
5 fathoms 2 feet
9 fathoms 3 feet
9 fathoms 5 feet

74480 1Ed. 10/20/84 LAST NM 1/88
Add — Legend "(ED)" to depth 6 fathoms

*74450 1Ed. 10/20/84 — NEW CHART
Add — Note:
"CAUTION
For a distance of 50 miles from C. Bougainville the water is so discolored and isolated rocks so numerous that it is highly probable uncharted dangers exist. Vessels drawing more than 12 feet should proceed cautiously at low water."

74450 1Ed. 10/20/84 LAST NM 2/85
Add — R Bn (AERO)

74450 1Ed. 10/20/84 LAST NM 22/85
Change — Light to Fl(2) 6s 115ft 16M Racon

74450 1Ed. 10/20/84 LAST NM 32/85
Add — R Bn at light
(See 32/85-74450)

74450 1Ed. 10/20/84 LAST NM 20/86
Delete — Depth 45 fathoms

Add — Depth 14 fathoms "Rep (1986)"

74450 1Ed. 10/20/84 LAST NM 32/86
Delete — Depths 17 fathoms "(Unexamd)"
10 fathoms "Repd (1973)"

Add — Depths 10 fathoms 2 feet
6 fathoms 1 foot

74450 1Ed. 10/20/84 LAST NM 42/87
Change — Line 4 of Tidal Information block to
"West Islet...13.3 feet...9.4 feet
...2.6 feet...6.4 feet"

74450 1Ed. 10/20/84 LAST NM 44/87
Delete — Depths 18 fathoms
15 fathoms
19 fathoms "Rep (1982)"

Add — Depths 10 fathoms 3 feet
9 fathoms
7 fathoms
6 fathoms 5 feet
5 fathoms 2 feet
9 fathoms 3 feet
9 fathoms 5 feet

(29(464)86 Sydney) 36/86
13°52'S 126°42'E

13°52.3'S 126°41.8'E

(35(520)86 Sydney) 43/86
13°49.7'S 127°16.7'E

(11(130)87 Sydney) 18/87

13°53.0'S 126°41.6'E

(44(548)87 Sydney) 1/88
13°09.6'S 126°10.6'E
13°11.5'S 126°09.3'E
13°20.6'S 125°43.2'E

13°09.6'S 126°10.9'E
13°11.6'S 126°08.9'E
13°14.6'S 126°02.4'E
13°14.4'S 126°05.7'E
13°15.9'S 126°14.3'E
13°21.0'S 126°10.1'E
13°21.8'S 126°03.4'E
13°20.3'S 125°43.2'E

(7(133)89 Sydney) 19/89
13°09.2'S 126°06.0'E

(DMAHTC: Aus CH 319) 2/85

13°07'S 123°07'E

(11(154)85 Sydney) 22/85
13°45.3'S 126°08.9'E

(25(382)85 Sydney) 32/85
14°06.5'S 123°32.7'E

(BA RA) 20/86
14°06.6'S 123°32.8'E

(25(417)86 Sydney) 32/86
14°07.5'S 123°33.1'E

14°07.4'S 123°33.6'E

(26(313)87 Sydney) 42/87
12°52.9'S 124°20.9'E
13°04.5'S 124°34.4'E

12°53.02'S 124°20.25'E
13°04.65'S 124°34.65'E

(29(349)87 Sydney) 44/87

13°11.5'S 123°06.6'E

(44(548)87 Sydney) 1/88
13°09.6'S 126°10.6'E
13°11.5'S 126°09.3'E
13°20.6'S 125°43.2'E

13°09.6'S 126°10.9'E
13°11.6'S 126°08.9'E
13°14.6'S 126°02.4'E
13°14.4'S 126°05.7'E
13°21.0'S 126°10.1'E
13°21.8'S 126°03.4'E
13°20.3'S 125°43.2'E

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74450	1Ed. 10/20/84 LAST NM 1/88		
	Delete	Stranded wreck and legend "Wk"	(34(494)88 Sydney) 50/88 12°32.6'S 123°33.2'E
74450	1Ed. 10/20/84 LAST NM 50/88		
	Add	Legend "(ED)" to depth 6 fathoms	(7(133)89 Sydney) 19/89 13°09.1'S 126°06.0'E
★74455	1Ed. 9/3/88	NEW CHART	(DMAHTC) 44/88
74455	1Ed. 9/3/88 LAST NM 44/88		
	Add	R Bn at light	(43(598)88 Sydney) 5/89 15°30.5'S 123°09.2'E
★74460	1Ed. 10/20/84	NEW CHART	(DMAHTC) 3/85
74460	1Ed. 10/20/84 LAST NM 3/85		
	Add	Depth 12 fathoms "Rep (1985)"	(30(449)85 Sydney) 39/85 11°44.6'S 124°58.2'E
74460	1Ed. 10/20/84 LAST NM 39/85		
	Delete	Depth 13 fathoms "Rep (1973)"	(11(206)86 Sydney) 18/86 11°41.4'S 124°32.7'E
	Add	Depth 10 fathoms 2 feet "Rep (1986)"	11°41.6'S 124°33.1'E
74460	1Ed. 10/20/84 LAST NM 18/86		
	Add	Depth 3 fathoms 5 feet "Rep(1986)"	(16(279)86 Sydney) 30/86 11°13.1'S 125°25.1'E
74460	1Ed. 10/20/84 LAST NM 30/86		
	Add	Chartlet, depicting changes to hydrography and topography, from back of Section I	(25(416)86 Sydney) 33/86 11°58'S 123°24'E
74460	1Ed. 10/20/84 LAST NM 33/86		
	Delete	Depth 66 fathoms	(27(442)86 Sydney) 35/86 11°55'S 125°01'E
	Add	Superbuoy TANKER Racon (occas)	11°55.5'S 125°00.4'E
74460	1Ed. 10/20/84 LAST NM 35/86		
	Add	Light Mo(U) Y 25s 10M (occas) to superbuoy TANKER (See 35/86-74460)	(38(560)86 Sydney) 47/86 11°55.5'S 125°00.4'E
74460	1Ed. 10/20/84 LAST NM 47/86		
	Delete	Depth 17 fathoms "Unexamd"	(26(313)87 Sydney) 42/87 12°53.0'S 124°20.8'E
	Add	Depth 10 fathoms 2 feet	12°53.02'S 124°20.25'E
74460	1Ed. 10/20/84 LAST NM 42/87		
	Change	Line 4 of Tidal Information block to "West Islet---13.3 feet---9.4 feet ---2.6 feet---6.4 feet---"	(29(349)87 Sydney) 44/87 12°51.3'S 122°49.3'E
74460	1Ed. 10/20/84 LAST NM 44/87		
	Delete	Depths 6 fathoms 1 foot "Rep (1984)" 8 fathoms 5 feet "Rep (1983)" 6 fathoms 5 feet 6 fathoms 4 feet	(3(70)88 Sydney) 14/88 12°12.8'S 122°57.9'E 12°12.1'S 122°58.2'E 12°11.7'S 122°58.6'E 12°11.9'S 122°59.4'E
	Add	Depths 4 fathoms 2 feet 6 fathoms 5 fathoms 1 foot	12°13.0'S 122°57.9'E 12°12.1'S 122°58.6'E 12°11.7'S 122°59.4'E
74460	1Ed. 10/20/84 LAST NM 14/88		
	Delete	Stranded wreck	(34(494)88 Sydney) 50/88 12°32.6'S 123°33.2'E
74460	1Ed. 10/20/84 LAST NM 50/88		
	Add	R Bn to superbuoy TANKER	(43(597)88 Sydney) 5/89 11°55.5'S 125°00.4'E
★74465	1Ed. 9/24/88	NEW CHART	(DMAHTC) N50/88
★74470	1Ed. 12/21/85	NEW CHART	(DMAHTC: 48(708)85 Sydney) 11/86
	Change	Light to Fl(3) 20s 142ft 22M Racon and delete R Bn	16°23.8'S 122°55.6'E
74470	1Ed. 12/21/85 LAST NM 11/86		
	Delete	Topmark from buoy	(8(153)86 Sydney) 17/86 17°04.2'S 122°06.8'E
74470	1Ed. 12/21/85 LAST NM 17/86		
	Add	Depth 5 fathoms 5 feet	(33(502)86 Sydney) 41/86 16°55.7'S 122°01.9'E

74470	1Ed. 12/21/85 LAST NM 41/86		
	Add	Depth 13 fathoms	(47(655)86 Sydney) 5/87 15°37.1'S 123°06.2'E
74470	1Ed. 12/21/85 LAST NM 5/87		
	Change	Light to Fl 2s 82ft 13M Racon	(21(262)87 Sydney) 31/87 16°54.2'S 122°11.7'E
	Add	Light Fl(2) 15s 157ft 15M Racon	17°03.5'S 122°19.0'E
74470	1Ed. 12/21/85 LAST NM 31/87		
	Delete	Buoys	(22(275)87 Sydney) 37/87 16°52.3'S 122°18.7'E 17°04.4'S 122°06.8'E
74470	1Ed. 12/21/85 LAST NM 37/87		
	Add	Depth 7 fathoms 1 foot "Rep (1988)"	(28(419)88 Sydney) 44/88 17°05.0'S 122°05.0'E
74470	1Ed. 12/21/85 LAST NM 44/88		
	Add	R Bn at light	(43(598)88 Sydney) 5/89 15°30.7'S 123°09.4'E
★74475	1Ed. 12/21/85	NEW CHART	(DMAHTC) 8/86
74475	1Ed. 12/21/85 LAST NM 8/86		
	Delete	Topmark from buoy	(8(153)86 Sydney) 17/86 17°04.2'S 122°06.8'E
74475	1Ed. 12/21/85 LAST NM 17/86		
	Change	Light to Fl WR 5s 106ft 10/8M	(5(60)87 Sydney) 14/87 18°00.4'S 122°12.3'E
74475	1Ed. 12/21/85 LAST NM 14/87		
	Change	Light to Fl 2s 82ft 13M Racon	(21(262)87 Sydney) 31/87 16°54.1'S 122°11.7'E
	Add	Light Fl(2) 15s 157ft 15M Racon	17°03.5'S 122°19.0'E
74475	1Ed. 12/21/85 LAST NM 31/87		
	Delete	Buoys	(22(275)87 Sydney) 37/87 16°52.1'S 122°18.7'E 17°04.2'S 122°06.8'E
74475	1Ed. 12/21/85 LAST NM 37/87		
	Add	Depth 7 fathoms 1 foot "Rep (1988)"	(28(419)88 Sydney) 44/88 17°05.0'S 122°05.0'E
★74480	1Ed. 12/21/85	NEW CHART	(DMAHTC) 11/86
74480	1Ed. 12/21/85 LAST NM 11/86		
	Change	Light to Fl(3) 15s 79ft 10M Racon	(20(300)88 Sydney) 37/88 19°35.4'S 119°05.8'E
74480	1Ed. 12/21/85 LAST NM 37/88		
	Change	Visibility (range) of light to 12M (See 37/88-74480)	(24(362)88 Sydney) 44/88 19°35.4'S 119°05.8'E
★74485	2Ed. 9/24/88	NEW EDITION	(DMAHTC) 50/88
★74491	3Ed. 2/2/85	NEW EDITION	(DMAHTC) 17/85
74491	3Ed. 2/2/85 LAST NM 17/85		
	Add	Racon at light	(22(339)85 Sydney) 31/85 19°35.35'S 119°06.00'E
74491	3Ed. 2/2/85 LAST NM 31/85		
	Change	Period of light to 15s	(26(392)85 Sydney) 32/85 20°18.3'S 118°37.8'E
74491	3Ed. 2/2/85 LAST NM 32/85		(MCNM7770/86; 45(666)85 Sydney; Aus CH 53) 27/86
	Delete	Buoys "No C2"	20°02.4'S 118°25.1'E
		"No C3"	20°04.6'S 118°25.5'E
		"No C4"	20°06.5'S 118°28.1'E
		"No C5"	20°10.5'S 118°30.7'E
		Light "No 6"	20°11.5'S 118°31.2'E
	Add	Lights "C1" Fl 5s	19°59.58'S 118°26.09'E
		"C2" Fl R 5s	19°59.69'S 118°26.36'E
		"C3" Fl G 5s	20°02.34'S 118°24.82'E
		"C4" Fl R 5s	20°02.37'S 118°25.08'E
		"C6" Fl R 5s	20°03.90'S 118°25.13'E
		"C7" Fl G 5s	20°04.46'S 118°24.95'E
		"C8" Fl R 5s	20°04.62'S 118°25.54'E
		"C9" Fl G 5s	20°06.58'S 118°28.04'E
		"C10" Fl R 5s	20°06.44'S 118°28.20'E

(continued on next page)

74491	(Continued)		27/86
	Add	"C11" Fl G 5s	20°08.14'S 118°29.01'E
		"C12" Fl R 5s	20°08.06'S 118°28.16'E
		"C14" Fl R 5s	20°08.89'S 118°29.65'E
74491	3Ed. 2/2/85 LAST NM 27/86		(23(384, 385)86 Sydney) 29/86
	Delete	Buoys "C1" (undesignated)	20°00.0'S 118°25.8'E 20°02.2'S 118°22.9'E
		Dashed line between	20°08.4'S 118°33.6'E 20°08.4'S 118°34.7'E
	Change	Light to "C1" Fl 5s 10M Racon (See 27/86-74491)	19°59.58'S 118°26.09'E
	Add	Light "C13" Fl G 5s	20°08.97'S 118°29.50'E
		Visibility (range) to light "C2"	19°59.69'S 118°26.36'E
		Dashed line joining	20°08.41'S 118°33.57'E 20°07.85'S 118°33.57'E 20°07.85'S 118°34.70'E 20°08.41'S 118°34.70'E
74491	3Ed. 2/2/85 LAST NM 29/86		(MCNM7770/86) 38/86
	Delete	Light "C12" (See 27/86-74491)	20°08.06'S 118°28.16'E
	Add	Light "C12" Fl R 5s	20°08.06'S 118°29.16'E
74491	3Ed. 2/2/85 LAST NM 38/86		(36(529)86 Sydney) 43/86
	Add	Buoy (waverider), Y, spherical, Fl(5) Y 20s	20°10'50"S 118°30'20"E
74491	3Ed. 2/2/85 LAST NM 43/86		(23(385)86 Sydney) 45/86
	Add	Visibility (range) 6M to light "C2" (See 29/86-74491)	19°59.7'S 118°26.4'E
74491	3Ed. 2/2/85 LAST NM 45/86		(49(675)86 Sydney) 8/87
	Delete	Depths 9.6 meters	19°57.8'S 118°33.6'E
		8.4 meters	20°10.4'S 118°33.8'E
		Dashed line (recommended track) and legend "020°-200°" between	19°53.6'S 118°28.4'E 20°02.0'S 118°25.2'E
		Dashed line (recommended track) and legend "000°-180°" between	20°02.8'S 118°25.0'E 20°04.1'S 118°25.0'E
	Add	Depths 8.5 meters	19°57.84'S 118°33.72'E
		9.4 meters	19°57.99'S 118°35.28'E
		9.9 meters	19°58.22'S 118°31.16'E
		9.8 meters	20°07.17'S 118°29.28'E
		8 meters	20°10.45'S 118°33.95'E
74491	3Ed. 2/2/85 LAST NM 8/87		(49(675)86 Sydney) 9/87
	Add	Chartlet, depicting changes in hydrography, from back of Section I	20°02.2'S 118°33.8'E
74491	3Ed. 2/2/85 LAST NM 9/87		(22(276)87 Sydney) 37/87
	Add	Dashed line (recommended track) and legend "146°" with directional arrowheads between	19°56.37'S 118°27.77'E 20°03.72'S 118°33.02'E
		Dashed line (recommended track) and legend "180°" with directional arrowheads between	20°03.72'S 118°33.02'E 20°08.43'S 118°33.02'E
		Buoys, each YBY, pillar, double cone topmark points together, Q(9) 15s	
		"1E"	19°58.51'S 118°30.31'E
		"2E"	20°03.19'S 118°32.73'E
		Buoy "3E" BYB, pillar, double cone topmark bases together, Q(3) 10s	20°03.31'S 118°32.50'E

(continued on next page)

74491	(Continued) Add	Calling-in point symbol with directional pointer 146° (See 9/87-74491)	37/87 19°56.37'S 118°27.77'E (39(480)87 Sydney) 50/87 20°14.2'S 118°33.4'E
74491	3Ed. 2/2/85 LAST NM 37/87 Change	Legend "11.8m" to "14.1m"	(20(308)88 Sydney) 37/88 19°35.4'S 119°06.0'E
74491	3Ed. 2/2/85 LAST NM 50/87 Change	Light to Fl(3) 15s 24m 10M Racon	(21(315)88 Sydney) 41/88 20°12.8'S 118°32.6'E 20°13.8'S 118°34.3'E 20°12.77'S 118°32.61'E 20°13.78'S 118°34.18'E 20°14.25'S 118°34.54'E
74491	3Ed. 2/2/85 LAST NM 37/88 Delete	Depths 9.5 meters 0.5 meter	
	Add	Depths 9.1 meters 6.4 meters 0.2 meter	(24(362) 27(403)88 Sydney) 42/88
74491	3Ed. 2/2/85 LAST NM 41/88 Substitute	Beacon "2E" YBY, double cone topmark points together. Q(9) 15s 8m 6M for buoy (See 9/87-74491)	20°03.2'S 118°32.8'E
	Change	Visibility (range) of light to 12M (See 37/88-74491)	19°35.4'S 119°06.0'E
74491	3Ed. 2/2/85 LAST NM 42/88 Add	Anchorage prohibited symbols, each with legend "Channel Escape Area 1E" "Channel Escape Area 1W" "Channel Escape Area 2"	(28(420)88 Sydney) 44/88 20°09.8'S 118°30.5'E 20°10.2'S 118°29.8'E 20°03.9'S 118°14.6'E
74491	3Ed. 2/2/85 LAST NM 44/88 Delete	Buoy "1E"	(32(478)88 Sydney) 48/88 19°58.5'S 118°30.3'E
★74492	6Ed. 2/18/89 Delete	NEW EDITION Beacon "31 A"	(DMAHTC 28(420)88, 4(81)89 Sydney) 21/89 20°15.1'S 118°34.2'E
	Add	Anchorage prohibited symbol	20°04.12'S 118°24.60'E
★74493	2Ed. 9/24/88	NEW EDITION	(DMAHTC) 50/88
74493	2Ed. 9/24/88 LAST NM 50/88 Delete	Depth 2.5 meters	(41(575)88 Sydney) 53/88 20°36.7'S 117°05.3'E
	Add	Rock awash enclosed by danger circle	20°36.7'S 117°05.2'E
★74494	1Ed. 2/18/89	NEW CHART	(DMAHTC) 15/89
★74510	1Ed. 1/18/86 Add	NEW CHART Buoy, spar, QY	(DMAHTC 9(169)86 Sydney) 17/86 20°48.87'S 115°33.07'E
74510	1Ed. 1/18/86 LAST NM 17/86 Add	Legend "GAS PIPELINE (CAUTION NO 5)" Caution No. 5 to cautions note "5. Gas pipelines contain flammable gas under high pressure. Any ship damaging the pipeline would face an immediate fire hazard. Mariners are cautioned not to anchor or trawl in the vicinity of the pipeline."	(20(347)86 Sydney) 27/86 20°03.0'S 116°28.0'E 21°31.5'S 117°03.0'E
74510	1Ed. 1/18/86 LAST NM 27/86 Change	Visibility (range) of light to 10M	(28(451)86 Sydney) 35/86 21°12.2'S 115°38.8'E
74510	1Ed. 1/18/86 LAST NM 35/86 Add	Racon to buoy	(38(470)86 Sydney) 37/86 20°25.75'S 116°42.60'E

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74510	1Ed. 1/18/86 LAST	NM 37/86		(40(572)86 Sydney) 51/86
	Add	Chartlet, depicting changes in hydrography, from back of Section I		20°37.4'S 115°34.6'E
74510	1Ed. 1/18/86 LAST	NM 51/86		(18(229)87 Sydney) 29/87
	Change	Light to Fl(2) 8s 85ft 10M		21°06.3'S 115°38.8'E
74510	1Ed. 1/18/86 LAST	NM 29/87		(32(386)87 Sydney) 44/87
	Add	Pilot station symbols		20°38.0'S 115°42.0'E 20°48.6'S 115°36.0'E
		(See 51/86-74510)		
74510	1Ed. 1/18/86 LAST	NM 44/87		(34(410)87 Sydney) 47/87
	Add	Dangerous wreck		20°29.7'S 117°24.9'E
74510	1Ed. 1/18/86 LAST	NM 47/87		(44(550)87 Sydney) 1/88
	Delete	Depth 3 fathoms		21°13.0'S 115°36.4'E
	Add	Depth 2 fathoms 4 feet "Rep (1987)"		21°13.0'S 115°36.8'E
74510	1Ed. 1/18/86 LAST	NM 1/88	(9(169)86, 8(128, 129)88 Sydney; Aus CH 328) 24/88	
	Delete	Buoy (QW)		20°48.9'S 115°33.1'E
	Change	Buoy to buoy (mooring)		20°48.9'S 115°32.9'E
	Add	Buoy, spar, Oc		20°48.9'S 115°32.7'E
		Depth 4 fathoms 3 feet (SD)		20°54.5'S 115°32.4'E
74510	1Ed. 1/18/86 LAST	NM 24/88		(16(247)88 Sydney) 32/88
	Add	Depth 5 fathoms 4 feet (SD)		20°50.3'S 115°35.5'E
74510	1Ed. 1/18/86 LAST	NM 32/88		(25(376)88 Sydney) 44/88
	Delete	Depths 5 fathoms 5 feet "Rep (1981)"		20°26.1'S 117°18.5'E
		6 fathoms 1 foot		20°27.3'S 117°14.3'E
		4 fathoms 4 feet		20°27.7'S 117°14.4'E
		4 fathoms 4 feet "Rep (1981)"		20°28.8'S 117°12.8'E
	Add	Depths 5 fathoms 3 feet		20°26.1'S 117°18.2'E
		4 fathoms 2 feet		20°27.6'S 117°14.1'E
74510	1Ed. 1/18/86 LAST	NM 44/88		(49(708)88 Sydney) 10/89
	Add	Light Mo(U) Y 18m 10M		20°32.9'S 115°36.2'E
		"Restricted Area" bound by purple composite-line circle, radius 0.5 mile, centered on above light (See 51/86-74510)		

★**74515**	2Ed. 9/24/88	NEW EDITION		(DMAHTC) 50/88
	Delete	Random ink marks in vicinity		21°26.8'S 115°15.2'E 21°27.6'S 115°14.4'E 21°34.6'S 115°14.0'E 21°35.0'S 115°13.5'E
74515	2Ed. 9/24/88 LAST	NM 50/88		(44(617), 47(662)88 Sydney) 5/89
	Delete	Light		21°56.8'S 114°08.2'E
	Change	Lights to Q 14m 10M		21°38.1'S 115°06.6'E
		Iso 10M		21°38.7'S 115°07.0'E
		QG 5m 3M		21°38.4'S 115°07.8'E
74515	2Ed. 9/24/88 LAST	NM 5/89		(49(708, 709)88 Sydney) 10/89
	Delete	Depth 7.8 meters		21°29.7'S 114°58.8'E
	Add	Light Mo(U) Y 18m 10M		20°32.9'S 115°36.2'E
		"Restricted Area" bound by purple composite-line circle, radius 0.5 mile, centered on above light		
		Danger circle "Well" marked close W by buoy Y, spar, "X" topmark, Q(4) Y 6s		21°29.8'S 114°58.8'E

★74517	1Ed. 9/24/88	NEW CHART	(DMAHTC: 19(291)88 Sydney) 49/88
	Change	(Plan A) Light Iso 4s 25m 8M	21°38.8'S 115°06.9'E
74517	1Ed. 9/24/88 LAST NM 49/88 Change	Lights to Q 10M Iso 4s 10M	(44(617)88 Sydney) 5/89 21°38.2'S 115°06.6'E 21°38.8'S 115°07.0'E
	Change	(And Plan A) Visibility (range) of light to 3M	21°38.5'S 115°07.8'E
	Change	(Plan A) Lights to Q 14m 10M Iso 4s 25m 10M	21°38.2'S 115°06.6'E 21°38.8'S 115°07.0'E
74517	1Ed. 9/24/88 LAST NM 5/89 Add	Danger circle "Well" marked close W by buoy Y, spar, "X" topmark, Q(4) Y 6s	(49(709)88 Sydney) 10/89 21°29.83'S 114°58.76'E
★74520	1Ed. 11/9/85	NEW CHART	(DMAHTC) 3/86
74520	1Ed. 11/9/85 LAST NM 3/86 Relocate	Light close WNW to	(39(540)88 Sydney) 53/88 21°48.40'S 114°09.35'E
74520	1Ed. 11/9/85 LAST NM 53/88 Delete	Range light, range line and legend "Leading...270°" between	(47(662)88 Sydney) 5/89 21°56.7'S 114°07.9'E 21°56.7'S 114°13.7'E
★74521	1Ed. 9/17/88	NEW CHART	(DMAHTC) 50/88
74521	1Ed. 9/17/88 LAST NM 50/88 Delete	Range light, range line and legend "270°" between	(44(618), 47(662)88 Sydney) 5/89 21°56.8'S 114°08.2'E 21°56.8'S 114°10.8'E
	Add	"Historic Wreck (see Note)" area bound by purple composite-line circle, radius 0.3 mile, centered	21°49.3'S 114°11.1'E
		Note "HISTORIC WRECK The site of an historic wreck is protected from unauthorized interference."	21°57.4'S 114°52.2'E
	Add	(Plan A) "Historic Wreck (see Note)" area bound by purple composite-line circle, radius 0.05 mile, centered	21°49.3'S 114°11.1'E
74521	1Ed. 9/17/88 LAST NM 5/89 Delete	Depth 7.8 meters	(49(709)88 Sydney) 10/89 21°29.7'S 114°58.6'E
	Add	Danger circle "Well" marked close W by buoy Y, spar, "X" topmark, Q(4) Y 6s	21°29.83'S 114°58.76'E
★74527	1Ed. 9/24/88	NEW CHART	(DMAHTC) 49/88
74527	1Ed. 9/24/88 LAST NM 49/88 Delete	Range light, range line and legend "270°" between	(47(662)88 Sydney) 5/89 21°56.8'S 114°08.2'E 21°56.8'S 114°10.8'E
★74530	1Ed. 12/21/85	NEW CHART	(DMAHTC) 13/86
74530	1Ed. 12/21/85 LAST NM 13/86 Delete	Depth 0 fathom 4 feet	(18(278)88 Sydney) 37/88 24°54.4'S 113°37.7'E
	Add	Light Fl(2) R 6M Legend "SEE CAUTION"	24°54.5'S 113°37.6'E 24°38.7'S 113°14.0'E

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74530	(Continued)		37/88
	Add	Caution note "CAUTION This chart is not based on adequate hydrographic surveys in all areas and mariners are warned to proceed with caution because uncharted dangers may exist."	24°35.0'S 113°49.0'E
74530	1Ed. 12/21/85 LAST NM 37/88		(27(404, 405)88 Sydney) 42/88
	Change	Light to Q(6) + L Fl 15s 8M (See 37/88-74530)	24°54.5'S 113°37.6'E
	Add	Stranded wreck	24°12.6'S 113°25.3'E

★**74535**	1Ed. 12/28/85	NEW CHART	(DMAHTC) 13/86
74535	1Ed. 12/28/85 LAST NM 13/86		(13(241)86 Sydney) 21/86
	Add	Buoys, orange, Q Ra Ref	25°27.50'S 113°32.75'E 25°27.50'S 113°43.75'E
74535	1Ed. 12/28/85 LAST NM 21/86		(24(296)87 Sydney) 41/87
		(Plan)	
	Delete	Buoy	24°54.5'S 113°37.6'E
	Change	Lights to Fl G	24°54.50'S 113°38.01'E 24°54.60'S 113°38.38'E 24°54.82'S 113°38.77'E 24°54.71'S 113°38.81'E 24°54.53'S 113°39.01'E 24°54.08'S 113°39.00'E
		Lights to Fl R	24°54.68'S 113°38.82'E 24°54.53'S 113°38.99'E 24°54.50'S 113°39.00'E 24°54.17'S 113°39.00'E
74535	1Ed. 12/28/85 LAST NM 41/87		(3(71)88 Sydney) 14/88
	Delete	Depths 9 fathoms 5 feet 9 fathoms 2 feet	25°26.1'S 113°04.7'E 25°26.9'S 113°06.7'E
	Add	Depths 6 fathoms 3 feet 9 fathoms 4 feet 9 fathoms 2 feet 16 fathoms 9 fathoms 4 feet 9 fathoms 4 feet 7 fathoms 2 feet 11 fathoms	25°20.2'S 113°13.6'E 25°23.4'S 113°06.7'E 25°24.4'S 113°05.1'E 25°25.0'S 113°03.9'E 25°25.8'S 113°06.1'E 25°26.0'S 113°04.8'E 25°26.8'S 113°07.2'E 25°27.7'S 113°05.3'E
		Legend "(breaks in heavy weather)"	25°21.8'S 113°07.5'E
74535	1Ed. 12/28/85 LAST NM 14/88		(9(147)88 Sydney) 24/88
	Add	Depths 1 fathom "Rep (1987)" 1 fathom "Rep (1987)"	25°10.5'S 113°07.9'E 25°46.9'S 113°22.0'E
74535	1Ed. 12/28/85 LAST NM 24/88		(18(278)88 Sydney) 37/88
	Delete	Depth 0 fathom 4 feet Light	24°54.4'S 113°37.7'E 24°54.4'S 113°38.2'E
	Add	Light Fl(2) R 6M Legend "Carnarvan Port Limits"	24°54.5'S 113°37.6'E 24°24.5'S 113°18.0'E
		(And Plan)	
	Delete	Light	24°53.1'S 113°37.7'E
		(Plan)	
	Delete	Range line and legend "Leading Lts 091°18'" between	24°54.47'S 113°37.10'E 24°54.49'S 113°38.30'E
		Dashed lines between	24°54.45'S 113°37.64'E 24°54.47'S 113°37.98'E
		between	24°54.49'S 113°37.62'E 24°54.50'S 113°37.98'E
		Legend "Dredged to 12ft (1980)"	24°54.53'S 113°37.82'E

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			37/88
74535	(Continued) Substitute	Bns for lights	24°54.49'S 113°38.20'E 24°54.49'S 113°38.30'E
	Add	Depth 0 fathom 5 feet	24°54.49'S 113°37.88'E
		Beacons, each R, can topmark "2" Fl(2) R 3s 6M "4" Fl R 3s 3M "6" Fl R 3s 3M "8" Fl R 3s 3M	24°54.46'S 113°37.64'E 24°54.46'S 113°37.76'E 24°54.42'S 113°37.92'E 24°54.48'S 113°38.06'E
74535	1Ed. 12/28/85 LAST NM 37/88 Delete	Legend "See Caution"	(22(331)88 Sydney) 40/88 26°47.2'S 113°32.6'E
	Add	Depths 42 fathoms 46 fathoms 45 fathoms 46 fathoms 44 fathoms 43 fathoms 43 fathoms 42 fathoms 47 fathoms 44 fathoms	26°46.0'S 113°35.4'E 26°46.1'S 113°29.7'E 26°48.8'S 113°25.7'E 26°49.3'S 113°31.0'E 26°49.3'S 113°35.5'E 26°52.7'S 113°28.9'E 26°52.4'S 113°37.2'E 26°52.3'S 113°40.8'E 26°54.1'S 113°32.7'E 26°55.5'S 113°38.6'E
74535	1Ed. 12/28/85 LAST NM 40/88 Change	Light to Q(6) + L Fl 15s 8M (See 37/88-74535)	(27(404, 405)88 Sydney) 42/88 24°54.5'S 113°37.6'E
	Add	Stranded wreck	24°12.6'S 113°25.3'E
	Change	(Plan) Beacon to "2" YB, double cone topmark points downward. Q(6) + L Fl 15s 8M (See 37/88-74535)	24°54.46'S 113°37.64'E
*74545	1Ed. 1/4/86	NEW CHART	(DMAHTC) 22/86
74545	1Ed. 1/4/86 LAST NM 22/86 Delete	Depths 8 fathoms "Rep (1974)" 5 fathoms 3 feet "Rep (1975)" 22 fathoms "Rep (1973)"	(42(605)86 Sydney) 51/86 28°12.7'S 114°05.2'E 28°13.4'S 114°05.7'E 27°54.6'S 113°24.1'E
	Add	Depths 6 fathoms 2 feet 18 fathoms	28°12.22'S 114°05.21 E 27°56.15'S 113°23.97'E
74545	1Ed. 1/4/86 LAST NM 51/86 Delete	Dangerous submerged rock "Rep (1891)" (PA)	(7(83)87 Sydney) 15/87 28°50.4'S 114°04.0'E 28°42.6'S 113°39.4'E
		Depths 20 fathoms 20 fathoms 17 fathoms 18 fathoms 6 fathoms 6 fathoms 26 fathoms	28°29.5'S 114°01.0'E 28°30.7'S 114°20.4'E 28°32.6'S 114°22.3'E 28°34.0'S 113°45.3'E 28°38.7'S 113°47.3'E 28°41.2'S 114°00.4'E 28°50.7'S 114°03.8'E
	Add	Depths 10 fathoms 5 feet 13 fathoms 5 fathoms 5 feet "Assail Bank" 7 fathoms "Beagle Knoll" 7 fathoms 5 feet "Acute Bank" 10 fathoms 3 feet 14 fathoms 11 fathoms 11 fathoms 13 fathoms 15 fathoms 13 fathoms 13 fathoms 14 fathoms 11 fathoms	28°15.2'S 114°11.6'E 28°21.5'S 114°05.2'E 28°20.8'S 113°41.9'E 28°22.3'S 113°44.5'E 28°23.0'S 113°48.3'E 28°25.6'S 114°15.8'E 28°26.3'S 114°04.0'E 28°28.5'S 114°02.8'E 28°29.1'S 114°01.1'E 28°30.1'S 114°21.0'E 28°32.5'S 114°21.2'E 28°33.3'S 113°45.5'E 28°34.8'S 114°21.4'E 28°35.1'S 114°30.7'E 28°35.2'S 114°06.8'E

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74545	(Continued)		15/87
	Add	3 fathoms	28°38.9'S 113°47.4'E
		5 fathoms 2 feet	28°40.1'S 113°40.3'E
		4 fathoms 1 foot "Dart Shoal"	28°40.4'S 113°53.7'E
		4 fathoms 3 feet	28°41.5'S 113°59.8'E
		5 fathoms	28°50.2'S 114°03.7'E
74545	1Ed. 1/4/86 LAST NM 15/87		(43(531)87 Sydney) 52/87
	Change	Light to Fl 5s 386ft 12M and add Racon	28°03.5'S 114°12.4'E
74545	1Ed. 1/4/86 LAST NM 52/87		(Aus CH 751) 5/88
	Add	Legend "Incompletely Surveyed Caution No 3"	28°39.0'S 113°37.5'E
		Caution No. 3 to cautions note "3. Waters in and around the Wallabi, Easter and Pelsart Groups have not been examined in detail. Less water than charted may exist."	27°40.5'S 114°28.5'E
74545	1Ed. 1/4/86 LAST NM 5/88		(19(292)88 Sydney, Aus CH 332) 38/88
	Substitute	Depth 8 fathoms 5 feet for 8 fathoms 4 feet	28°07.0'S 113°33.1'E
	Add	Depth 6 fathoms 1 foot	28°06.0'S 113°27.2'E
		Legends "Unsurveyed Caution No 1"	28°06.5'S 114°07.5'E 28°24.0'S 114°23.0'E 28°49.5'S 114°33.0'E
		"Historic Wreck (see note)" area bound by purple composite line greater arc of a circle, radius 0.4 mile, centered arc between	27°11.0'S 113°55.8'E 27°10.6'S 113°55.8'E 27°11.2'S 113°56.1'E
		Note "HISTORIC WRECK The site of an historic wreck is protected from unauthorized interference."	27°20.0'S 114°12.0'E
74545	1Ed. 1/4/86 LAST NM 38/88		(22(331)88 Sydney) 40/88
	Add	Depths 42 fathoms	26°46.0'S 113°35.4'E
		46 fathoms	26°46.1'S 113°29.7'E
		45 fathoms	26°48.8'S 113°25.7'E
		46 fathoms	26°49.3'S 113°31.0'E
		44 fathoms	26°49.3'S 113°35.5'E
		43 fathoms	26°52.7'S 113°28.9'E
		43 fathoms	26°52.4'S 113°37.2'E
		42 fathoms	26°52.3'S 113°40.8'E
		47 fathoms	26°54.1'S 113°32.7'E
		44 fathoms	26°55.5'S 113°38.6'E
74545	1Ed. 1/4/86 LAST NM 40/88		(28(421)88 Sydney) 44/88
	Change	Light to F Bu 55ft 8M	28°44.8'S 114°37.0'E
		Legend "Leading lights 071°22'" to "Leading lights 071°23'"	28°46.6'S 114°30.0'E
	Add	Light Iso 3s 36ft 8M	28°44.8'S 114°36.5'E
★**74550**	1Ed. 10/12/85	NEW CHART	(DMAHTC) 11/86
74550	1Ed. 10/12/85 LAST NM 11/86		(31(479)86 Sydney) 37/86
	Change	Light to Fl(3) 15s 98ft 10M	30°20.2'S 114°59.1'E
74550	1Ed. 10/12/85 LAST NM 37/86		(7(83)87 Sydney) 15/87
	Delete	Dangerous submerged rock "Rep (1891)" (PA)	28°50.3'S 114°04.0'E 28°42.5'S 113°39.3'E
		Depths 17 fathoms	28°32.5'S 114°22.3'E
		18 fathoms	28°33.8'S 113°45.3'E
		6 fathoms	28°38.7'S 113°47.3'E
		6 fathoms	28°41.1'S 114°00.4'E
		26 fathoms	28°50.7'S 114°03.7'E

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			15/87
74550	(Continued)		
	Add	Depths 5 fathoms 2 feet	28°40.1'S 113°40.3'E
		13 fathoms	28°33.3'S 113°45.5'E
		3 fathoms	28°38.9'S 113°47.4'E
		4 fathoms 1 foot "Dart Shoal"	28°40.4'S 113°53.7'E
		4 fathoms 3 feet	28°41.5'S 113°59.8'E
		5 fathoms	28°50.2'S 114°03.7'E
		15 fathoms	28°32.5'S 114°21.2'E
		13 fathoms	28°34.8'S 114°21.4'E
		14 fathoms	28°35.1'S 114°30.7'E
		11 fathoms	28°35.2'S 114°06.8'E
74550	1Ed. 10/12/85 LAST NM 15/87		(12(144)87 Sydney) 19/87
	Delete	Depth 14 fathoms	29°36.1'S 114°36.0'E
	Add	Depth 18 fathoms	29°36.5'S 114°35.0'E
74550	1Ed. 10/12/85 LAST NM 19/87		(28(421)88 Sydney) 44/88
	Delete	Light	28°45.0'S 114°36.3'E
	Change	Light to F Bu 55ft 8M	28°44.7'S 114°37.0'E
		Legend "Leading lights 071°20'" to "Leading lights 071°23'"	28°46.7'S 114°30.0'E
	Add	Light Iso 3s 36ft 8M	28°45.0'S 114°36.5'E
74550	1Ed. 10/12/85 LAST NM 44/88		(BA LL) 11/89
		(Plan)	
	Change	Light to Fl(3) 15s 98ft 10M	30°20'07"S 114°59'04"W
*74555	1Ed. 11/2/85	NEW CHART	(DMAHTC 11(207)86 Sydney) 27/86
	Delete	Range line and legend "Light in line 076°" between	32°01.25'S 115°37.55'E 32°03.00'S 115°29.30'E
	Add	Range line extending in 254°38' direction from rear light, dashed for 0.8 mile, thence solid for 3.7 miles	32°01.25'S 115°37.55'E
		Legend "Lights in line 074°38'" along above range line	32°02.30'S 115°31.50'E
		Light Fl(2) 5s 23m 9M	32°01.51'S 115°26.92'E
74555	1Ed. 11/2/85 LAST NM 27/86		(23(386)86 Sydney) 29/86
	Change	Visibility (range) of light to 25M	33°32.4'S 115°01.0'E
74555	1Ed. 11/2/85 LAST NM 29/86		(40(587)86 Sydney) 51/86
	Delete	Range line and legend "Lights in line 074°38'" between	32°01.2'S 115°37.6'E 32°02.2'S 115°32.4'E
		(See 27/86-74555)	
	Add	Range line extending in 256°06' direction from rear light, dashed for 1.4 miles, thence solid for 5.8 miles	32°01.2'S 115°37.6'E
		Legend "Lights in line 076°06'" along above range line	32°02.3'S 115°31.5'E
74555	1Ed. 11/2/85 LAST NM 51/86		(46(644)86 Sydney) 4/87
	Add	Depth 14 fathoms	32°05.2'S 115°27.6'E
74555	1Ed. 11/2/85 LAST NM 4/87		(4(53)87 Sydney) 12/87
	Change	Light to Fl(4) 16s 98ft 14M	31°59.4'S 115°32.3'E
74555	1Ed. 11/2/85 LAST NM 12/87		(7(85)87 Sydney) 17/87
	Add	Submarine cable joining	31°48.0'S 115°43.8'E
			31°47.8'S 115°42.4'E
			31°47.3'S 115°41.8'E
			31°47.8'S 115°40.0'E
			31°47.3'S 115°38.7'E
			31°47.5'S 115°30.3'E
			31°47.5'S 115°13.4'E

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74555	(Continued)		17/87
	Add		31°44.3'S 115°05.9'E
			31°42.0'S 115°02.5'E
			31°40.6'S 114°58.7'E
			31°37.6'S 114°51.6'E
			31°33.7'S 114°44.2'E
			31°31.0'S 114°36.6'E
			31°30.9'S 114°35.2'E
74555	1Ed. 11/2/85 LAST	NM 17/87	(49(612)87 Sydney) 6/88
	Change	Light to Ldg Iso 4s 78ft 10M. Q 42ft 10M	31°45.8'S 121°43.8'E
74555	1Ed. 11/2/85 LAST	NM 6/88	(Aus CH 333) 13/88
	Add	R Bn (AERO)	31°01.7'S 115°20.4'E
74555	1Ed. 11/2/85 LAST	NM 13/88	(4(83)88 Sydney) 14/88
	Change	Light to Fl 3s 16ft 7M	33°37.8'S 115°20.2'E
74555	1Ed. 11/2/85 LAST	NM 14/88	(49(612)87, 18(279)88 Sydney) 37/88
	Change	Light to Ldg Iso 4s 78ft 10M. Q 42ft 10M (Cancels 6/88-74555)	31°45.8'S 115°43.8'E
	Add	Light Fl 2s 174ft 15M	32°31.7'S 115°41.9'E
74555	1Ed. 11/2/85 LAST	NM 37/88	(34(496)88 Sydney) 49/88
	Add	Lights Fl(2) 15s 167ft 15M	32°41.25'S 115°36.77'E
		Fl 5s 164ft 15M	32°57.38'S 115°40.07'E
74555	1Ed. 11/2/85 LAST	NM 49/88	(6(115)89 Sydney) 19/89
	Add	Depth 11 fathoms Obstr with legend "(Fish haven)"	33°35.2'S 115°09.9'E

★74560	8Ed. 3/29/86	NEW EDITION	(DMAHTC) 22/86
74560	8Ed. 3/29/86 LAST	NM 22/86	(42(605)86 Sydney) 51/86
	Delete	Depths 14.6 meters "Rep (1974)"	28°12.7'S 114°05.2'E
		10.1 meters "Rep (1975)"	28°13.5'S 114°05.9'E
	Add	Depth 11.6 meters	28°12.2'S 114°05.5'E
74560	8Ed. 3/29/86 LAST	NM 51/86	(7(83)87 Sydney) 15/87
	Delete	Dangerous submerged rock "rep (1891)" (PA)	28°50.3'S 114°04.0'E
			28°42.3'S 113°39.2'E
		Depths 33 meters	28°25.5'S 114°16.1'E
		37 meters	28°29.5'S 114°01.1'E
		37 meters	28°30.8'S 114°20.5'E
		32 meters	28°32.7'S 114°22.3'E
		33 meters	28°33.7'S 113°45.3'E
		11.3 meters	28°38.3'S 113°47.3'E
		11.3 meters	28°41.2'S 114°00.5'E
	Add	Depths 9.7 meters	28°40.1'S 113°40.3'E
		24 meters	28°33.3'S 113°45.5'E
		5.5 meters	28°38.9'S 113°47.4'E
		10.6 meters "Assail Bank"	28°20.8'S 113°41.9'E
		12.8 meters "Beagle Knoll"	28°22.3'S 113°44.5'E
		14.3 meters "Acute Bank"	28°23.0'S 113°48.3'E
		7.6 meters "Dart Shoal"	28°40.4'S 113°53.7'E
		8.2 meters	28°41.5'S 113°59.8'E
		9.1 meters	28°50.2'S 114°03.7'E
		24 meters	28°30.1'S 114°21.0'E
		28 meters	28°32.5'S 114°21.2'E
		24 meters	28°34.8'S 114°21.4'E
		20 meters	28°29.1'S 114°01.1'E
		20 meters	28°28.5'S 114°02.8'E
		26 meters	28°26.3'S 114°04.0'E
		24 meters	28°21.5'S 114°05.2'E
		19.8 meters	28°15.2'S 114°11.6'E
		19.2 meters	28°25.6'S 114°15.8'E
		26 meters	28°35.1'S 114°30.7'E
		20 meters	28°35.2'S 114°06.8'E
74560	8Ed. 3/29/86 LAST	NM 15/87 (Plan)	(32(387)87 Sydney) 44/87
	Delete	Buoy	28°45'18"S 114°34'41"E

74560 8Ed. 3/29/86 LAST NM 44/87 (43(531)87 Sydney) 52/87
Change Light to Fl 5s 118m 386ft 12M 28°03.8'S 114°12.5'E
and add Racon

74560 8Ed. 3/29/86 LAST NM 52/87 (Aus CH 751) 5/88
Add Legend
"Incompletely Surveyed (See Caution)" 28°39.0'S 113°37.5'E

Caution note
"CAUTION
Waters in and around the Wallabi, Easter and Pelsart Groups have not been examined in detail. Less water than charted may exist." 28°45.0'S 114°52.0'E

Add (Plan)
"Historic Wreck (see Note)" areas bound by purple composite line circle, radius 0.06 mile, centered 28°45'57"S 114°34'12"E
28°43'26"S 114°36'59"E

Note
"HISTORIC WRECK
The site of an historic wreck is protected from unauthorized interference." 28°42'06"S 114°33'42"E

74560 8Ed. 3/29/86 LAST NM 5/88 (19(292)88 Sydney; Aus CH 332) 37/88
Substitute Depth 16.3 meters for 15 meters 28°07.0'S 113°33.1'E

Add Depth 11.4 meters 28°06.0'S 113°27.2'E

Legends "Unsurveyed (see Note)" 28°05.0'S 114°07.0'E
28°21.0'S 114°21.0'E
28°50.0'S 114°34.0'E

Note
"NOTE
No survey has been conducted. Mariners should proceed with extreme caution as shoals, reefs, and other hazards may exist." 28°52.0'S 114°52.0'E

74560 8Ed. 3/29/86 LAST NM 37/88 (28(421)88 Sydney) 44/88
Delete Light 28°44.8'S 114°36.2'E

Light symbol 28°44.5'S 114°37.2'E

Change Legends "2 F Bu" to "F Bu" 28°44.5'S 114°38.2'E
"Lts in line 071°22'" to
"Lts in line 071°23'" 28°47.0'S 114°28.5'E

Add Light Iso 28°44.83'S 114°36.45'E
Pilot station symbol 28°45.50'S 114°31.75'E

(Plan) 28°45'29"S 114°32'54"E
Delete Legend "PILOTS" 28°45'37"S 114°34'01"E
Buoy 28°44'45"S 114°36'19"E
Depth 7.3 meters Wk

Lights 28°44'52"S 114°36'21"E
28°44'37"S 114°37'11"E

Change Buoy to R, spherica 28°45'30"S 114°34'00"E

Legend "Lights in line 071°22'" to "Lights in line 071°23'" 28°45'46"S 114°33'25"E

Add Buoy RW, pillar, ball topmark, L Fl 10s 28°45'58.0"S 114°32'38.0"E

Light Iso 3s 11m 8M 28°44'49.9"S 114°36'27.0"E

★74561 1Ed. 8/20/88 NEW CHART (DMAHTC) 47/88

★74581 7Ed. 9/20/86 NEW EDITION (DMAHTC) 48/86
Change Light to Fl G 4M 32°03'57"S 115°44'27"E
(Previously published 41/86)

74581	7Ed. 9/20/86 LAST NM 48/86		(40(587)86 Sydney) 1/87
	Delete	Sectors from lights	32°01.3'S 115°37.1'E 32°01.2'S 115°37.6'E
		Range line and legend "Lights in line 074°38'" between	32°02.5'S 115°32.3'E 32°02.3'S 115°33.1'E
	Add	Chartlet, depicting changes in aids to navigation, from back of Section I	32°01.7'S 115°35.6'E
74581	7Ed. 9/20/86 LAST NM 1/87		(4(53)87 Sydney) 12/87
	Change	Light to Fl(4) 16s 30m 14M	31°59.42'S 115°32.36'E
74581	7Ed. 9/20/86 LAST NM 12/87		(5(62)87 Sydney) 14/87
	Delete	Dangerous submerged rock	31°59.9'S 115°28.5'E
74581	7Ed. 9/20/86 LAST NM 14/87		(7(86)87 Sydney) 15/87
	Add	Buoys, each Y, pillar, "Rous" Fl Y 2s "Arthur" Fl Y 5s	 32°03.08'S 115°42.48'E 32°03.53'S 115°42.70'E
		Purple composite line between	32°03.08'S 115°42.48'E 32°03.53'S 115°42.70'E
		Legend "Restricted Area (see Note)"	32°03.33'S 115°42.92'E
		Note "RESTRICTED AREA - GAGE ROADS Navigation within the area enclosed by North Mole Light, Rous and Arthur buoys and South Mole Light is prohibited, except by vessels entering or departing Fremantle Inner Harbor."	31°54.88'S 115°46.95'E
74581	7Ed. 9/20/86 LAST NM 15/87		(8(98), 9(106)87 Sydney) 17/87
	Change	Lights to Fl G Oc G 5s	32°04.00'S 115°44.50'E 32°03'39"S 115°44.21'E
74581	7Ed. 9/20/86 LAST NM 17/87		(24(297)87 Sydney) 41/87
	Delete	Depths 4.6 meters 8.8 meters	31°57.65'S 115°43.76'E 31°57.68'S 115°43.84'E
	Add	Depth 7.4 meters	31°57.675'S 115°43.790'E
74581	7Ed. 9/20/86 LAST NM 41/87		(27(406)88 Sydney) 42/88
	Substitute	Depth 13 meters for 14 meters	31°58.72'S 115°39.50'E
	Add	Depths 12.8 meters 10.6 meters 9.5 meters	31°58.98'S 115°39.40'E 31°59.60'S 115°39.42'E 31°59.95'S 115°38.83'E
74581	7Ed. 9/20/86 LAST NM 42/88		(31(464, 465)88 Sydney) 48/88
	Delete	Buoy	32°02.0'S 115°42.6'E
	Change	Light to Fl R 2s 11M, VQR 6M	32°03.3'S 115°43.4'E
	Add	Light Fl R 5s 7m 4M	32°01.91'S 115°42.64'E
74581	7Ed. 9/20/86 LAST NM 48/88		(47(663, 664)88 Sydney) 5/89
	Delete	Buoys "Rous" "Arthur"	32°03.1'S 115°42.5'E 32°03.5'S 115°42.7'E
	Add	Buoy YB, spar, double cone topmark points downward, Q(6) + L Fl 15s	31°52.85'S 115°42.97'E
74581	7Ed. 9/20/86 LAST NM 5/89		(2(58, 59), 4(82, 83)89 Sydney) 16/89
	Delete	Purple composite line between	32°03.1'S 115°42.5'E 32°03.5'S 115°42.8'E
		Legend "Restricted Area (see Note)"	32°03.3'S 115°42.9'E
		Note	31°54.9'S 115°47.0'E
		Submarine cable and legend "Power" between	32°03.3'S 115°43.9'E 32°03.4'S 115°44.0'E
	Change	Period of light to 4s (See 48/88-74581)	32°01.9'S 115°42.6'E

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			16/89
74581	(Continued) Add	Depth 4.3 meters Wk	32°03.23'S 115°43.45'E
74582	8Ed. 3/3/84	NEW EDITION	(DMAHTC) 18/84
74582	8Ed. 3/3/84 LAST NM 18/84 Add	Depth 6.8 meters "Spoil Ground" bound by dashed line joining	(6(87), 9(129)85 Sydney) 18/85 32°03'44.5"S 115°43'15.5"E 32°03'42.0"S 115°43'23.4"E 32°03'51.6"S 115°43'23.4"E 32°03'51.6"S 115°43'13.8"E 32°03'42.0"S 115°43'13.8"E
	Delete	Light	32°03'15.5"S 115°44'04.5"E
74582	8Ed. 3/3/84 LAST NM 18/85 Delete	Lights and sector limits	(7(136)84, 14(200)85 Sydney) 28/85 32°03'53.0"S 115°44'22.5"E 32°03'53.5"S 115°44'26.2"E
	Change	Light to Fl 5s 9m 5M	32°03'57.9"S 115°44'28.8"E
	Add	Lights VQ(6) + L Fl 10s QR	32°03'52.5"S 115°44'21.1"E 32°03'53.0"S 115°44'17.1"E
74582	8Ed. 3/3/84 LAST NM 28/85 Add	Beacons each Y, Q(4) Y 6s 5m 3M Fl Y 2s 5m 3M	(26(437)86 Sydney) 34/86 32°03'59.0"S 115°44'19.0"E 32°03'55.3"S 115°44'22.6"E
74582	8Ed. 3/3/84 LAST NM 34/86 Change	Light to Fl G 5s 9m 5M	(33(503)86 Sydney) 41/86 32°03'58"S 115°44'29"E
		Legend to "FG lights in line 084°47'"	32°03'27"S 115°43'20"E
74582	8Ed. 3/3/84 LAST NM 41/86 Add	Buoys, each Y, pillar, "Rous" Fl Y 2s "Arthur" Fl Y 5s	(7(86)87 Sydney) 15/87 32°03'04.8"S 115°42'29.2"E 32°03'32.2"S 115°42'42.0"E
		Purple composite line between	32°03'04.8"S 115°42'29.2"E 32°03'32.2"S 115°42'42.0"E
		Legend "RESTRICTED AREA (see Note)"	32°03'20.0"S 115°42'54.0"E
		Note "RESTRICTED AREA Navigation within the area enclosed by North Mole Light, Rous and Arthur buoys and South Mole Light is prohibited, except for vessels entering or departing Fremantle Inner Harbor."	32°03'17.0"S 115°45'00.0"E
74582	8Ed. 3/3/84 LAST NM 15/87 Delete	Light (See 41/86-74582)	(8(98), 9(106)87 Sydney) 17/87 32°03'58"S 115°44'29"E
	Change	Lights to Oc G 5s	32°03'25.0"S 115°43'50.8"E 32°03'23.3"S 115°44'12.0"E
		Legend to "Lights in line 084°47'"	32°03'27"S 115°43'20"E
	Add	Light Fl G 5s 4m 3M	32°03'58.0"S 115°44'28.0"E
74582	8Ed. 3/3/84 LAST NM 17/87 Delete	Buoy	(31(464, 465)88 Sydney) 48/88 32°01'59"S 115°42'36"E
	Change	Light to Fl R 2s 15m 11M, VQR 16m 6M	32°03'18"S 115°43'23"E
	Add	Light Fl R 5s 7m 4M	32°01'54.7"S 115°42'38.4"E
74582	8Ed. 3/3/84 LAST NM 48/88 Delete	Buoys "Rous" "Arthur"	(47(664)88 Sydney) 5/89 32°03'05"S 115°42'29"E 32°03'32"S 115°42'42"E
74582	8Ed. 3/3/84 LAST NM 5/89 Delete	Purple composite line between	(2(58, 59), 4(82, 83)89 Sydney) 16/89 32°03'05"S 115°42'29"E 32°03'32"S 115°42'42"E

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74582	(Continued)		
	Delete	Legend "Restricted Area (see Note)"	16/89
		Note	32°03′20″S 115°42′54″E 32°03′17″S 115°45′00″E
		Submarine cable between	32°03′16″S 115°43′54″E 32°03′25″S 115°43′58″E
	Change	Period of light to 4s (See 48/88-74582)	32°01′55″S 115°42′38″E
	Add	Depth 4.3 meters Wk	32°03′13.8″N 115°43′27.0″E
★74583	14Ed. 11/15/86	NEW EDITION	(DMAHTC; Aus CH 114) 7/87
	Delete	Range line and legend "Lights in line 074°38′" between	32°01.2′S 115°37.6′E 32°02.4′S 115°32.5′E
		(Previously published 51/86)	
	Relocate	Range light, front close NW to (Previously published 51/86)	32°01.32′S 115°37.02′E
	Add	Range line extending in 256°06′ direction from rear light dashed for 0.9 mile, thence solid for 4.0 miles	32°01.21′S 115°37.60′E
		Legend "Lights in line 076°06′" along above range line (Previously published 51/86)	32°02.20′S 115°32.50′E
	Change	Light to FR 12m 8M, FG 12m and F 4m 2M (Previously published 1/87)	32°08.7′S 115°42.3′E
	Add	Depth 26 meters (Previously published 4/87)	32°05.20′S 115°27.60′E
	Add	Depth 11.9 meters	31°58.57′S 115°30.42′E
74583	14Ed. 11/15/86 LAST NM 7/87		
	Change	Light Fl(4) 16s 30m 14M	(4(53)87 Sydney) 12/87 31°59.4′S 115°32.3′E
74583	14Ed. 11/15/86 LAST NM 12/87		
	Add	Depths 30 meters 33 meters	(Aus CH 112) 20/87 32°03′09″S 115°26′42″E 32°03′30″S 115°27′34″E
74583	14Ed. 11/15/86 LAST NM 20/87		
	Delete	Depth 4.6 meters	(24(297)87 Sydney) 41/87 31°57.6′S 115°43.8′E
	Add	Depth 7.4 meters	31°57.68′S 115°43.79′E
74583	14Ed. 11/15/86 LAST NM 41/87		
	Change	Light to Fl G 3s 3M	(28(339)87 Sydney) 42/87 32°15.3′S 115°40.9′E
74583	14Ed. 11/15/86 LAST NM 42/87		(40(494)87 Sydney) 50/87
	Change	Light to Oc WRG 30s 37m 22M, Dir F WRG 4M and delete green sector 012°-074°	32°07.9′S 115°45.1′E
74583	14Ed. 11/15/86 LAST NM 50/87		
	Add	Light Fl(3) 12s 50m 15M	(15(236)88 Sydney) 33/88 32°12′52″S 115°40′26″E
74583	14Ed. 11/15/86 LAST NM 33/88		
	Add	Depths 12.8 meters 10.6 meters 9.5 meters	(27(406)88 Sydney) 42/88 31°58.98′S 115°39.40′E 31°59.60′S 115°39.42′E 31°59.95′S 115°38.83′E
74583	14Ed. 11/15/86 LAST NM 42/88		
	Delete	Buoy	(31(464, 465)88 Sydney) 48/88 32°02.0′S 115°42.6′E
	Change	Light to Fl R 2s 15m 11M, VQR 16m 6M	32°03.3′S 115°43.4′E
	Add	Light Fl R 5s 7m 4M	32°01.91′S 115°42.64′E
74583	14Ed. 11/15/86 LAST NM 48/88		
	Change	Period of light to 4s (See 48/88-74583)	(2(58)89 Sydney) 16/89 32°01.9′S 115°42.6′E

*74584	4Ed. 5/15/82	NEW EDITION	(DMAHTC) 29/82
74584	4Ed. 5/15/82 LAST NM 29/82 Delete	Depth 18 meters	(13(236)83 Sydney) 32/83 32°10′34″S 115°41′02″E
	Add	Depth 16 meters	32°10′37.4″S 115°41′01.7″E
74584	4Ed. 5/15/82 LAST NM 32/83 Add	Light, BYB, double cone topmark bases together, Q(3) 10s	(Aus CH 117) 4/85 32°15′14″S 115°43′21″E
74584	4Ed. 5/15/82 LAST NM 4/85 Add	Depth 6.8 meters	(6(87)85 Sydney) 18/85 32°03′44.2″S 115°43′15.8″E
74584	4Ed. 5/15/82 LAST NM 18/85 Add	Buoy, YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s	(12(166)85 Sydney) 22/85 32°06′58.2″S 115°39′42.0″E
74584	4Ed. 5/15/82 LAST NM 22/85 Add	Buoy (mooring) "No. 1"	(38(585)85 Sydney) 46/85 32°13′12″S 115°42′12″E
74584	4Ed. 5/15/82 LAST NM 46/85 Delete	Bn	(6(133)86 Sydney) 12/86 32°11′05″S 115°40′51″E
74584	4Ed. 5/15/82 LAST NM 12/86 Change	Light to Fl G 10s 11m 11M	(32(489)86 Sydney) 39/86 32°13.65′S 115°41.93′E
74584	4Ed. 5/15/82 LAST NM 39/86 Change	Buoy to Y, pillar, Fl Y 3s	(2(35)87 Sydney) 11/87 32°06.98′S 115°39.71′E
74584	4Ed. 5/15/82 LAST NM 11/87 Add	Buoys, each Y, pillar, "Rous" Fl Y 2s "Arthur" Fl Y 5s	(7(86)87 Sydney) 15/87 32°03′04″S 115°42′29″E 32°03′32″S 115°42′42″E
		Purple composite line between	32°03′04″S 115°42′29″E 32°03′32″S 115°42′42″E
		Legend "Restricted Area (see Note)"	32°03′21″S 115°42′54″E
		Note "RESTRICTED AREA - GAGE ROADS Navigation within the area enclosed by North Mole Light, Rous and Arthur buoys and South Mole Light is prohibited, except for vessels entering or departing Fremantle Inner Harbor."	32°04′36″S 115°46′00″E
74584	4Ed. 5/15/82 LAST NM 15/87 Change	Period of light to 5s	(16(211)87 Sydney) 28/87 32°13′33″S 115°41′56″E
74584	4Ed. 5/15/82 LAST NM 28/87 Change	Light to Fl G 3s 3M	(26(314), 28(339)87 Sydney) 42/87 32°15.3′S 115°41.0′E
	Relocate	(And Plan) Buoy (mooring) close NW to	32°12′59.9″S 115°44′35.3″E
74584	4Ed. 5/15/82 LAST NM 42/87 Delete	Bns	(40(494)87 Sydney) 50/87 32°09.4′S 115°44.0′E 32°10.0′S 115°45.4′E 32°10.5′S 115°45.5′E
	Substitute	Light "A" Fl R 3s 3M for Bn	32°09.3′S 115°44.0′E
	Change	Light to Oc WRG 30s 37m 22M, Dir F WRG 4M and delete green sector 012°-074° and add sectors FG 046°30′-051°05′, FW-051°55′, FR-056°30′	32°07.9′S 115°46.1′E
		Bn to beacon BY, double cone topmark points upward, Q	32°09.0′S 115°44.9′E
	Add	Lights "1" Fl G 3s 3M "1" Fl G 3s 3M "A" Fl R 3s 3M	32°09′23.3″S 115°43′59.9″E 32°09′58.3″S 115°45′25.2″E 32°09′56.5″S 115°45′33.8″E
74584	4Ed. 5/15/82 LAST NM 50/87 Delete	Bn	(45(572)87 Sydney) 1/88 32°08.3′S 115°45.6′E

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74584	(Continued)		1/88
	Change	Legend to "Dir Lt 051°30'"	32°09.1'S 115°44.3'E
74584	4Ed. 5/15/82 LAST NM 1/88		(6(107)88 Sydney) 18/88
	Delete	Prohibited area in vicinity	32°13.8'S 115°45.1'E
	Add	Purple composite-line lesser arc of a circle, radius 1760 meters, centered	
		arc between	32°14'03.0"S 115°45'46.2"E 32°13'07.0"S 115°45'34.0"E 32°14'41.5"S 115°44'56.3"E
		Purple composite line between	32°14'41.5"S 115°44'56.3"E 32°14'49.9"S 115°45'24.1"E
		Legend "Restricted Area"	32°13'51.0"S 115°44'53.0"E
		(Plan)	
	Delete	Prohibited area in vicinity	32°13.8'S 115°45.1'E
	Add	Purple composite-line lesser arc of a circle, radius 1760 meters, centered	
		arc between	32°14'03.0"S 115°45'46.2"E 32°13'06.7"S 115°45'35.0"E 32°14'36.0"S 115°44'51.0"E
		Legend "RESTRICTED AREA"	32°13'49.0"S 115°44'52.0"E
74584	4Ed. 5/15/82 LAST NM 18/88		(10(163)88 Sydney) 24/88
		(And Plan)	
	Add	Purple composite-line lesser arc of a circle, radius 900 meters, centered	
		arc between	32°12'47.0"S 115°45'57.6"E 32°13'07.0"S 115°45'33.1"E 32°12'20.0"S 115°46'09.0"E
		Legend "Restricted Area"	32°12'36.0"S 115°45'40.0"E
74584	4Ed. 5/15/82 LAST NM 24/88		(15(236)88 Sydney) 33/88
	Add	Light Fl(3) 12s 50m 15M	32°12'52"S 115°40'26"E
74584	4Ed. 5/15/82 LAST NM 33/88		(31(465, 466)88 Sydney) 48/88
	Change	Light to Fl R 2s 15m 11M, VQR 16m 6M	32°03.3'S 115°43.4'E
	Add	Range lights,	
		front Fl RG 3s 6m 3M with sectors red 019°35'-199°35', green-019°35'	32°08'43.7"S 115°39'55.1"E
		rear Fl RG 3s 9m 3M with sectors red 019°35'-199°35', green-019°35'	32°08'48.2"S 115°40'09.8"E
		Range line extending in 289°35' direction from above rear light dashed for 1000 meters, thence solid for 3000 meters	
		Legend "Lights in line 109°35'" along above range line	32°08'07.0"S 115°38'00.0"E
		Range line extending in 109°35' direction from rear light, dashed for 500 meters, thence solid for 2000 meters	32°08'48.2"S 115°40'09.8"E
		Legend "Lights in line 289°35'" along above range line	32°09'06.0"S 115°41'16.0"E
		Buoys G, pillar, Fl G 4s	32°08'23.4"S 115°38'42.5"E
		R, pillar, Fl R 4s	32°08'22.6"S 115°38'50.9"E
74584	4Ed. 5/15/82 LAST NM 48/88		(47(664)88 Sydney) 5/89
	Delete	Buoys "Rous"	32°03.1'S 115°42.5'E
		"Arthur"	32°03.5'S 115°42.7'E
74584	4Ed. 5/15/82 LAST NM 5/89		(2(59, 60), 4(82)89 Sydney) 16/89
	Delete	Purple composite line between	32°03'04"S 115°42'29"E 32°03'32"S 115°42'42"E

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			16/89
74584	(Continued) Delete	Legend "Restricted Area (see Note)" Note Bn	32°03'21"S 115°42'54"E 32°04'36"S 115°46'00"E 32°05'14"S 115°43'49"E
	Add	Depth 4.3 meters Wk	32°03'13.8"S 115°43'27.0"E
			(6(119)89 Sydney) 19/89
74584	4Ed. 5/15/82 LAST NM 16/89 Add	Beacon (minor) BY, double cone topmark points upward	32°05'07"S 115°43'49"E
		NEW CHART	(DMAHTC) 44/88
★74590	1Ed. 8/27/88 Add	Legend "R Bn"	34°21.7'S 115°08.8'E
			(6(115)89 Sydney) 19/89
74590	1Ed. 8/27/88 LAST NM 44/88 Add	Depth 11 fathoms Obstr with legend "(Fish haven)"	33°35.2'S 115°09.9'E
		NEW EDITION	(DMAHTC) 35/88
★74591	6Ed. 5/28/88		
		NEW CHART	(DMAHTC) 44/88
★74595	1Ed. 8/6/88		

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5Ed. 6/8/85	NEW EDITION	(DMAHTC: 10(143)85 Sydney) 36/85
Delete	Depth 3¾ fathoms "Rep (1985)"	34°29.7'S 121°01.0'E
	(Previously published 29/85)	
Add	Light Fl G 3s 16ft 3M	33°57.3'S 120°07.5'E
5Ed. 6/8/85 LAST NM 36/85		(24(404)86 Sydney) 31/86
Delete	Depths 22 fathoms	34°15'S 121°55'E
	5¾ fathoms	34°25'S 121°59'E
	8 fathoms	34°23'S 121°01'E
	16 fathoms "Rep (1983)"	34°10'S 123°02'E
	14 fathoms	34°19'S 123°34'E
	38 fathoms "Rep (1984)"	34°24'S 123°32'E
	1½ fathoms "Pollock Reef"	34°34'S 123°34'E
	Danger submerged rocks	
	(2) "PD"	34°15'S 121°54'E
	(3) "PA"	34°11'S 123°41'E
	"(Breaks Occas)"	34°20'S 122°04'E
	Dangerous circle and legend	
	"Breakers Rep (1915) PA"	34°28'S 123°36'E
Add	Depths 19 fathoms	34°15.5'S 121°55.9'E
	4¾ fathoms	34°25.8'S 121°59.0'E
	6 fathoms	34°24.8'S 121°59.5'E
	5½ fathoms	34°24.0'S 122°00.8'E
	14 fathoms	34°24.5'S 122°02.3'E
	11 fathoms	34°24.3'S 122°03.4'E
	6¾ fathoms	34°28.0'S 123°38.0'E
	5½ fathoms	34°27.3'S 123°35.7'E
	27 fathoms	34°25.5'S 123°19.6'E
	16 fathoms	34°10.3'S 123°01.9'E
	12 fathoms	34°23.6'S 123°32.2'E
	25 fathoms	34°32.8'S 123°33.3'E
	6¼ fathoms	34°19.8'S 123°33.5'E
	Dangerous submerged rock with legend	
	"Breaks (occas)"	34°20.1'S 122°02.6'E
	"Breaks"	34°16.3'S 122°05.4'E
	"Pollock Reef"	34°33.4'S 123°33.9'E
	Rock "Uncov 3ft"	34°10.3'S 123°40.5'E
5Ed. 6/8/85 LAST NM 31/86		(32(490)86 Sydney) 39/86
Add	Legends	
	"Dangerous to Navigation (Caution 2)"	34°14'S 121°26'E
		34°20'S 123°50'E
	Note No. 2 to cautions note:	
	"2. The area of the Recherche Archipelago is inadequately surveyed. Vessels without local knowledge should not traverse the area and passage should not be attempted at night."	33°12'S 121°57'E
5Ed. 6/8/85 LAST NM 39/86		(41(506)87 Sydney) 52/87
Add	Rock awash	34°05.0'S 122°04.5'E
5Ed. 6/8/85 LAST NM 52/87		(36(513, 514)88 Sydney) 50/88
Delete	Legend "Conspicuous...sand"	31°41'S 131°48'E
Add	Rock awash	33°38.2'S 123°55.0'E
5Ed. 6/8/85 LAST NM 50/88		(11(187)89 Sydney) 22/89
Add	Dangerous submerged rock with legend "breaks"	34°03.8'S 120°55.4'E
2Ed. 8/27/83	NEW EDITION	(DMAHTC: 39(552)80 Sydney) 49/83
Change	Light to F Bu	33°51.4'S 121°54.5'E
	Note to	
	"BUOYAGE	
	IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	33°49.2'S 121°43.0'E

next page)

SUBREGION

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★75001	(Continued)		
		(Plan A)	49/83
	Change	Light to F Bu	33°51.38'S 121°54.47'E
75001	2Ed. 8/27/83 LAST NM 49/83		(10(178), 11(196)84 Sydney; BA LL) 20/84
	Delete	Dashed lines (recommended track) joining	33°58.26'S 122°03.54'E 33°59.46'S 122°04.80'E 34°00.12'S 122°04.92'E 34°03.10'S 122°08.11'E 34°03.28'S 122°09.40'E
		between	34°01.30'S 122°06.20'E 34°01.52'S 122°09.40'E
	Change	Visibility (range) of light to 15M	34°02.14'S 121°36.25'E
	Add	Pilot station symbol	33°54.30'S 121°55.50'E
75001	2Ed. 8/27/83 LAST NM 20/84		(21(357)84 Sydney) 31/84
	Add	Depth 16 meters "Rep (1984)"	33°59.75'N 122°04.83'E
75001	2Ed. 8/27/83 LAST NM 31/84		(21(357)84 Sydney) 33/84
	Add	Depth 16 meters "Rep (1984)" (Cancels 31/84-75001)	33°59.75'S 122°04.83'E
75001	2Ed. 8/27/83 LAST NM 33/84		(35(625)84 Sydney) 4/85
	Add	Lights Fl(3) G 7s 4M Fl(3) R 7s 4M	33°50'14"S 121°55'55"E 33°50'15"S 121°55'52"E
		Dashed lines (breakwater) between	33°50'14"S 121°55'55"E 33°50'04"S 121°56'04"E
		between	33°50'15"S 121°55'52"E 33°50'08"S 121°55'42"E
75001	2Ed. 8/27/83 LAST NM 4/85		(51(751)85 Sydney) 8/86
		(Plan C)	
	Add	Stranded wreck	34°05.60'S 123°12.25'E
75001	2Ed. 8/27/83 LAST NM 8/86		(9(76)86 Sydney) 16/86
		(Plan B)	
	Add	Depths 22 meters "Rep (1985)" 29 meters "Rep (1985)"	33°59.62'S 122°35.01'E 33°59.86'S 122°35.48'E
75001	2Ed. 8/27/83 LAST NM 16/86		(24(403)86 Sydney) 31/86
	Delete	Depth 40 meters	34°00.4'S 121°59.0'E
	Add	Depths 22 meters "Rep (1986)" 29 meters "Rep (1986)" 29 meters "Rep (1986)"	34°00.4'S 121°58.8'E 34°00.4'S 122°00.9'E 34°01.3'S 122°03.4'E
75001	2Ed. 8/27/83 LAST NM 31/86		(32(490)86 Sydney) 39/86
	Add	Legend "Dangerous of Navigation (see Caution)"	34°03.5'S 122°08.0'E
		Note "CAUTION DANGEROUS TO NAVIGATION The area of the Recherche Archipelago is inadequately surveyed. Vessels without local knowledge should not traverse the area and passage should not be attempted at night."	33°01.4'S 121°43.5'E
75001	2Ed. 8/27/83 LAST NM 39/86		(37(543)86 Sydney) 45/86
		(And Plan A)	
	Change	Visibility (range) of light to 7M	33°52.2'S 121°54.2'E
75001	2Ed. 8/27/83 LAST NM 45/86		(41(506)87 Sydney) 52/87
	Add	Rock awash	34°04.66'S 122°04.22'E
		Dangerous submerged rock	34°04.66'S 122°03.91'E 34°02.58'S 122°02.46'E
75001	2Ed. 8/27/83 LAST NM 52/87		(50(626)87 Sydney) 11/88
		(Plan A)	
	Change	Light to Fl(2) R 6s 9m 5M	33°52.12'S 121°54.38'E

75001	2Ed. 8/27/83 LAST NM 11/88		(4(85)88 Sydney) 14/88
		(And Plan A)	
	Change	Light to Fl WR 3s 8m 7M and add sectors white 300°-315°, red-300°	33°51.38'S 121°54.48'E
		(Plan A)	
	Delete	Light	33°51.36'S 121°54.42'E
75001	2Ed. 8/27/83 LAST NM 14/88		(14(218, 219)88 Sydney) 33/88
	Delete	Depths 22 meters "Rep (1986)"	34°00.4'S 121°58.8'E
		29 meters "Rep (1986)"	34°00.4'S 122°00.9'E
		36 meters	34°00.1'S 122°01.4'E
		29 meters "Rep (1986)"	34°01.3'S 122°03.4'E
	Substitute	Depth 15.8 meters (SD) for 17.5 meters	34°00.7'S 121°59.1'E
	Add	Depths 19 meters	34°00.12'S 122°01.39'E
		27 meters	34°00.78'S 122°01.54'E
		24 meters	34°01.66'S 122°02.58'E
		30 meters	34°00.68'S 122°02.72'E
		27 meters	34°01.28'S 122°04.67'E
		Anchoring berth symbol	33°51.74'S 121°55.83'E
		Dangerous submerged rock with legend "(breaks)"	34°07.21'S 122°04.12'E
			34°07.40'S 122°04.75'E
75001	2Ed. 8/27/83 LAST NM 33/88		(27(408)88 Sydney) 42/88
		(Plan A)	
	Substitute	Buoy G, pillar, Fl(2) G 5s for light "No 1"	33°51.99'S 121°54.28'E
75001	2Ed. 8/27/83 LAST NM 42/88		(29(433)88 Sydney) 44/88
	Add	"Spoil Ground" area bound by dashed line joining	33°52.62'S 121°57.07'E
			33°52.62'S 121°57.73'E
			33°53.15'S 121°57.73'E
			33°53.15'S 121°57.07'E
75001	2Ed. 8/27/83 LAST NM 44/88		(48(685)88 Sydney) 10/89
	Change	Legend to "Dangerous to navigation (see Note)"	34°12.9'S 121°52.9'E
*75010	6Ed. 12/31/83	NEW EDITION	(DMAHTC; NVS6317/81) 13/84
	Delete	Omega note "All users...propagation paths."	30°51'S 131°11'E
	Change	Note to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	35°23'S 133°44'E
75010	6Ed. 12/31/83 LAST NM 13/84		(9(158)84 Sydney) 20/84
	Add	Depths 15 fathoms (unexamined)	32°12.5'S 131°54.7'E
		18 fathoms (unexamined)	32°11.7'S 131°54.7'E
		26 fathoms (unexamined)	32°18.9'S 131°50.9'E
		7 fathoms (unexamined)	32°38.2'S 133°15.3'E
		18 fathoms (unexamined)	32°41.1'S 133°14.0'E
75010	6Ed. 12/31/83 LAST NM 20/84		(13(231)84 Sydney) 22/84
	Change	Height of light to 177ft	35°01.9'S 135°58.1'E
75010	6Ed. 12/31/83 LAST NM 22/84		(16(286)84 Sydney) 27/84
	Add	Dangerous submerged rock "Rep (1984)"	32°36.8'S 132°36.5'E
75010	6Ed. 12/31/83 LAST NM 27/84		(18(280)85 Sydney) 29/85
	Delete	Wreck	33°00'S 133°51'E
75010	6Ed. 12/31/83 LAST NM 29/85		(45(667)85 Sydney) 1/86
	Change	Light to Fl(3) 20s 148ft 22M	35°20.1'S 136°06.5'E
75010	6Ed. 12/31/83 LAST NM 1/86		(3(77, 78)86 Sydney) 20/86
	Change	Lights to Fl(4) 20s 282ft 17M	32°30.6'S 133°18.2'E
		Fl(2) 10s 220ft 10M	33°40.9'S 134°30.9'E

(Continued on next page)

75010	(Continued)		
		(And Plan A)	20/86
	Change	Light to Fl 5s 130ft 10M	32°22.9'S 133°28.6'E
75010	6Ed. 12/31/83 LAST NM 20/86		
	Add	Visibility (range) 9/7M to light	(16(281)86 Sydney) 30/86 34°32.5'S 136°05.4'E
75010	6Ed. 12/31/83 LAST NM 30/86		
	Delete	Depths 11 fathoms	(9(107)87 Sydney; Aus CH 342) 18/87 32°25.7'S 133°41.2'E
		28 fathoms	33°42.5'S 134°17.0'E
		13 fathoms	33°43.0'S 134°19.1'E
		31 fathoms	33°49.8'S 134°42.8'E
	Add	Depths $8\frac{1}{2}$ fathoms	32°24.0'S 133°40.3'E
		$9\frac{3}{4}$ fathoms	32°25.7'S 133°41.2'E
		19 fathoms	32°38.7'S 133°45.3'E
		19 fathoms	32°50.0'S 133°52.0'E
		21 fathoms	32°53.1'S 133°58.4'E
		20 fathoms	33°06.2'S 134°01.9'E
		17 fathoms	33°11.8'S 134°04.1'E
		13 fathoms	33°11.0'S 134°07.0'E
		20 fathoms	33°11.4'S 134°09.8'E
		26 fathoms	33°16.0'S 134°18.3'E
		16 fathoms	33°44.3'S 134°16.7'E
		7 fathoms	33°42.8'S 134°20.0'E
		20 fathoms	33°54.7'S 134°34.0'E
		19 fathoms	33°49.9'S 134°38.6'E
		19 fathoms	33°49.0'S 134°42.8'E
		14 fathoms	33°47.0'S 134°48.9'E
		17 fathoms	33°49.6'S 134°48.9'E
		21 fathoms	33°52.9'S 134°44.9'E
		22 fathoms	33°52.3'S 134°54.5'E
		$4\frac{1}{4}$ fathoms (SD)	34°41.6'S 135°09.3'E
		7 fathoms	34°45.8'S 135°11.2'E
		18 fathoms	34°53.8'S 135°08.7'E
		(And Plan B)	
	Add	Depths 17 fathoms	32°38'02"S 133°51'08"E
		16 fathoms	32°45'33"S 133°55'15"E
75010	6Ed. 12/31/83 LAST NM 18/87		(Aus CH 120) 29/87
		(Plan A)	
	Delete	Lights	32°11.6'S 133°35.5'E
			32°12.9'S 133°42.1'E
		Anchorage symbol	32°17.0'S 133°48.6'E
	Add	Pilot station symbol	32°12.8'S 133°33.8'E
		Beacon (minor) R. can topmark	32°13.1'S 133°42.0'E
75010	6Ed. 12/31/83 LAST NM 29/87		(21(264)87 Sydney) 31/87
	Change	Visibility (range) of light to 14M	32°30.7'S 133°18.4'E
75010	6Ed. 12/31/83 LAST NM 31/87		(31(371)87 Sydney) 44/87
	Change	Light to Fl WRG 15/12M	34°38.8'S 135°55.9'E
75010	6Ed. 12/31/83 LAST NM 44/87		(36(514)88 Sydney) 50/88
	Delete	Legend "Conspicuous...sand"	31°42'S 131°47'E
75010	6Ed. 12/31/83 LAST NM 50/88		(8(150)89 Sydney) 22/89
		(Plan A)	
	Substitute	Depth 0 fathom 1 foot Wk marked close NE by buoy BRB, pillar, double ball topmark, for stranded wreck	32°18.0'S 133°31.9'E

★**75025**	7Ed. 11/24/84	NEW EDITION	(DMAHTC: 28(383)82.20(343),45(765),50(849)84 Sydney) 9/85
	Delete	Submerged wellhead and buoy "Cobia-2"	38°27.5'S 148°18.3'E
		(Previously published 7/85)	
	Relocate	Lightfloats "Bass West" close ESE to	38°48.0'S 148°01.6'E
		"Bass East" close S	38°44.1'S 148°15.0'E

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			9/85
★75025	(Continued) Add	Depths 36 fathoms (unexamined) 40 fathoms (unexamined) 10 fathoms (unexamined) 22 fathoms (unexamined) 8 fathoms (unexamined) 17 fathoms "Rep (1984)" 16 fathoms "Rep (1984)"	41°00.0'S 144°25.5'E 41°05.0'S 144°24.4'E 41°19.8'S 144°40.7'E 41°41.0'S 144°49.2'E 41°58.4'S 145°11.1'E 40°11.1'S 143°47.5'E 40°21.0'S 145°08.2'E
		R Bn (AERO) at light	41°10.5'S 146°25.6'E
	Change	Note to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	
75025	7Ed. 11/24/84 LAST NM 9/85 Change	Light to Fl(2) 10s 100ft 19M	37°30.0'S 146°51.0'E
75025	7Ed. 11/24/84 LAST NM 29/85 Add	Wreck (PA)	(18(286)85 Sydney) 29/85 40°18.8'S 147°48.1'E
75025	7Ed. 11/24/84 LAST NM 39/85 Add	Chartlet, depicting amendment to traffic separation scheme in the Bass Strait and associated changes to navigational aids, from back of Section I Note: Above amendment to traffic separation scheme and associated changes to navigational aids including withdrawal of Bass East and West Lightfloats become effective 0001 GMT on 21 February 1986.	(28(421)85 Sydney) 39/85 37°50.6'S 148°41.8'E (HNNM7648/85, 32(485)85 Sydney) 4/86 38°43.0'S 148°14.5'E
		Light Fl 6s 79ft 21M Racon to platform "Flounder A" Note: Light and Racon become operational 21 February 1986	38°18.8'S 148°26.3'E
75025	7Ed. 11/24/84 LAST NM 4/86 Change	Visibility (range) of light to 20M	(48(713)85 Sydney) 6/86 40°43.8'S 148°07.4'E
75025	7Ed. 11/24/84 LAST NM 6/86 Add	Note "OIL AND GAS FIELDS Production platforms and associated structures generally exhibit all or some of the following lights: Mo(U) W. 15s 10 or 15M, Mo(U) R. 15s 2M, aircraft obstruction light; and sound fog signals: Mo(U)30s. Unauthorised navigation is prohibited within 500 meters of all such structures."	(Aus CH422) 12/86
75025	7Ed. 11/24/84 LAST NM 12/86 Change	Visibility (range) of light to 16M	37°30.0'S 145°00.0'E (7(143, 144)86 Sydney) 15/86 42°59.3'S 145°29.8'E
	Add	Danger circle "Well" marked by buoy, yellow spherical. Mo(U) 30s Ra Ref	38°19.48'S 147°31.26'E
75025	7Ed. 11/24/84 LAST NM 15/86 Change	Visibility (range) of light to 12M	(3(79, 80)86 Sydney) 20/86 38°34.0'S 145°21.3'E
	Add	R Bn (AERO)	37°35.9'S 149°43.7'E
75025	7Ed. 11/24/84 LAST NM 20/86 Change	Light to Fl 6s 88ft 18M Racon (See 4/86-75025)	(13(247)86 Sydney) 22/86 38°18.8'S 148°26.3'E
75025	7Ed. 11/24/84 LAST NM 22/86 Delete	Depth 35 fathoms	(5(116), 17(302)86 Sydney) 26/86 43°35.6'S 146°09.5'E
		Chartlet (See 4/86-75025)	38°43.0'S 148°14.5'E
	Add	Depth 26 fathoms "Rep (1958)"	43°36.1'S 146°09.5'E

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75025	(Continued)		
	Add	Chartlet, depicting amendment to traffic separation scheme and changes to aids to navigation, from back of Section I	26/86 38°43.0'S 148°09.0'E
75025	7Ed. 11/24/84 LAST NM 26/86		(22(282)86 Sydney) 29/86
	Delete	Submerged wellheads and buoys "Tuna-3" "Mackerel-1" (undesignated)	 38°10.0'S 148°27.8'E 38°28.7'S 148°23.0'E 38°13.4'S 147°50.2'E
75025	7Ed. 11/24/84 LAST NM 29/86		(2(58), 16(283)86 Sydney) 33/86
	Add	Caution No. 3 to cautions note in upper left margin of chart "3. Gas pipelines contain flammable natural gas under high pressure. Any ship damaging a pipe could face an immediate fire hazard. Mariners are strongly advised not to anchor or trawl near pipelines."	
		Depth 43 fathoms "Rep (1985)"	37°48.1'S 149°18.8'E
75025	7Ed. 11/24/84 LAST NM 33/86		(27(445)86 Sydney) 35/86
	Delete	Depth 21 fathoms "Rep (1982)"	39°21.0'S 148°31.0'E
	Add	Depths 21 fathoms "Rep (1986)"	39°17.1'S 148°30.1'E
		19 fathoms "Rep (1986)"	39°19.0'S 148°30.9'E
		18 fathoms "Rep (1986)"	39°22.3'S 148°30.3'E
		17 fathoms "Rep (1986)"	39°28.3'S 148°30.5'E
		21 fathoms "Rep (1986)"	39°33.1'S 148°30.3'E
75025	7Ed. 11/24/84 LAST NM 35/86		(43(618)86 Sydney) 52/86
	Change	Visibility (range) of light to 22M	39°56'S 143°51'E
75025	7Ed. 11/24/84 LAST NM 52/86		(46(646)86 Sydney) 4/87
	Delete	Depth 16 fathoms "Rep (1979)"	39°16'S 147°00'E
	Add	Depth 3 fathoms 5 feet	39°15.85'S 146°59.90'E
75025	7Ed. 11/24/84 LAST NM 4/87		(11(134)87 Sydney) 18/87
	Add	Depths 22 fathoms "Rep (1987)"	40°17.95'S 144°57.75'E
		23 fathoms "Rep (1987)"	40°12.70'S 144°52.90'E
75025	7Ed. 11/24/84 LAST NM 18/87		(16(214)87 Sydney) 28/87
	Change	Legend "Judgment Rks" to "South West I"	39°31'S 147°02'E
	Add	Lights Fl(4) 16s 344ft 10M	39°26.7'S 147°22.5'E
		Fl(3) 12s 328ft 10M	39°31.3'S 147°07.5'E
75025	7Ed. 11/24/84 LAST NM 28/87		(21(265)87 Sydney) 31/87
	Change	Visibility (range) of light to 20M	42°07.4'S 148°21.0'E
75025	7Ed. 11/24/84 LAST NM 31/87		(27(325)87 Sydney) 42/87
	Change	Light to Fl 10s 210ft 17M	40°51.3'S 145°30.9'E
75025	7Ed. 11/24/84 LAST NM 42/87		(31(372)87 Sydney) 44/87
	Change	Visibility (range) of light to 21M	38°18.8'S 148°26.3'E
75025	7Ed. 11/24/84 LAST NM 44/87		(44(553)87 Sydney) 1/88
	Change	Characteristic of light to Fl 10s	43°29.5'S 147°08.7'E
75025	7Ed. 11/24/84 LAST NM 1/88		(2(61)88 Sydney) 14/88
	Change	Characteristic of light to Q(3) 9s	43°03'S 147°25'E
75025	7Ed. 11/24/84 LAST NM 14/88		(7(118)88 Sydney) 20/88
	Delete	Depth 29 fathoms	38°29.5'S 147°44.5'E
	Add	Platform with legend "Breau"	38°30.1'S 147°46.3'E
		Purple composite-line circle, radius 1.4 miles, centered on above platform	
		Submarine pipeline between	38°30.1'S 147°46.3'E 38°35.8'S 148°06.0'E
		(See 26/86-75025)	
75025	7Ed. 11/24/84 LAST NM 20/88		(18(280)88 Sydney) 37/88
	Delete	Depth 30 fathoms	39°21.8'S 144°24.6'E

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75025 (Continued)
Add — Depth 20 fathoms

75025 7Ed. 11/24/84 LAST NM 37/88
Change — Visibility (range) of light to 18/14M.

75025 7Ed. 11/24/84 LAST NM 40/88
Change — Light to Fl(3) 30s 142ft 23M.
FR 122ft 10M

75025 7Ed. 11/24/84 LAST NM 44/88
Change — Visibility (range) of light to 14M

75025 7Ed. 11/24/84 LAST NM 53/88
Change — Characteristic of light to Fl(3) 10s
(Supersedes 14/88-75025)

75025 7Ed. 11/24/84 LAST NM 5/89
Delete — Depths 32 fathoms
18 fathoms "Rep (.981)"
16 fathoms "Rep (1981)"

Add — Depths 15 fathoms
19 fathoms

75025 7Ed. 11/24/84 LAST NM 12/89
Delete — R Bn at light

Change — Light to Fl 6s 92ft 10M

75025 7Ed. 11/24/84 LAST NM 16/89
Change — Visibility (range) of lights to 25/20M
16M

75025 7Ed. 11/24/84 LAST NM 19/89
Add — Depth 11 fathoms "Rep (1988)"

★75035 17Ed. 1/22/83 — NEW EDITION

75035 17Ed. 1/22/83 LAST NM 17/83
Add — Depths 20 fathoms "Rep (1982)"
20 fathoms "Rep (1982)"
19 fathoms "Rep (1982)"
21 fathoms "Rep (1982)"
23 fathoms "Rep (1982)"
21 fathoms "Rep (1982)"

75035 17Ed. 1/22/83 LAST NM 18/83
Add — Platform "Fortescue A"

Submarine pipeline between platforms

75035 17Ed. 1/22/83 LAST NM 19/83
Delete — R Bns (AERO)

Add — Wreck

75035 17Ed. 1/22/83 LAST NM 40/83
Change — Visibility (range) of light to 9M

75035 17Ed. 1/22/83 LAST NM 12/84
Add — Light Iso 2s 10M

75035 17Ed. 1/22/83 LAST NM 2/85
Add — Wreck (PA)

75035 17Ed. 1/22/83 LAST NM 39/85
Add — Wreck

37/88
39°22.8'S 144°22.8'E

(22(335)88 Sydney) 40/88
40°57'S 145°44'E

(28(423)88 Sydney) 44/88

41°03.4'S 146°47.3'E

(39(543)88 Sydney) 53/88
42°12'S 145°10'E

(47(665)88 Sydney) 5/89
43°03'S 147°25'E

(1(44)89 Sydney) 12/89
39°11'S 146°30'E
39°08'S 146°46'E
39°06'S 147°00'E

39°12.0'S 146°30.4'E
39°10.9'S 146°37.6'E

(3(74, 75)89 Sydney) 16/89
39°35.5'S 143°56.3'E

39°56.0'S 143°50.5'E

(9(163, 164)89 Sydney) 19/89
38°51.5'S 143°31.0'E
41°01.0'S 144°37.3'E

(6(116)89 Sydney) 23/89
39°40.5'S 148°21.5'E

SUBREGION
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(DMAHTC) 17/83

(38(509)82 Sydney) 18/83
39°19.8'S 148°07.9'E
39°20.0'S 148°11.3'E
39°20.5'S 148°16.1'E
39°20.8'S 148°19.5'E
39°20.8'S 148°23.2'E
39°21.1'S 148°30.9'E

(50(732)82 Sydney) 19/83
38°24.5'S 148°16.6'E

38°24.5'S 148°16.6'E
38°24.3'S 148°19.2'E

(DMAHTC: 29(478)83 Sydney) 40/83
33°07.3'S 151°09.3'E
33°24.2'S 151°12.5'E
33°36.0'S 150°48.0'E
33°59.0'S 150°58.5'E
34°06.0'S 150°28.0'E
34°33.5'S 150°47.5'E
34°57.2'S 150°33.0'E
37°37.0'S 149°43.2'E

33°43.0'S 151°21.0'E

(4(86)84 Sydney) 12/84
35°32.0'S 150°25.5'E

(37(646)84 Sydney) 2/85
36°25'06"S 150°00'54"E

(28(421)85 Sydney) 39/85
37°50.6'S 148°41.8'E

(46(668)85 Sydney) 52/85
33°27.6'S 151°51.6'E

75035	17Ed. 1/22/83 LAST NM 52/85			(41(620), 48(713)85 Sydney) 2/86
	Change	Height of Moon Island to "(36)"		33°05.5'S 151°40.4'E
		Visibility (ranger) of light to 20M		40°43.7'S 148°07.4'E
	Add	Light Iso 2s 39ft 6M with visible sector 080°-010°		33°05.5'S 151°40.4'E
75035	17Ed. 1/22/83 LAST NM 2/86			(HNNM7648/85; 32(532)83, 32(485)85 Sydney) 4/86
	Add	Chartlet, depicting amendment to traffic separation scheme in the Bass Strait and associated changes to navigational aids, from back of Section I		38°42.0'S 148°18.0'E
		Note: Above amendment to traffic separation scheme and associated changes to navigational aids including withdrawal of Bass East and West Lightfloats become effective 0001 GMT on 21 February 1986.		
		Platform "Flounder A" Fl 6s 79ft 21M Racon		38°18.8'S 148°26.3'E
		Notice: Light and Racon become operational 21 February 1986.		
		Submarine pipeline between platforms		38°18.8'S 148°26.3'E 38°10.8'S 148°24.5'E
75035	17Ed. 1/22/83 LAST NM 4/86			(Aus CH 423) 12/86
	Add	Note "OIL AND GAS FIELDS Production platforms and associated structures generally exhibit all or some of the following lights: Mo(U) W. 15s 10 or 15M, Mo(U) R. 15s 2M aircraft obstruction lights; and sound fog signals: Mo(U) 30s. Unauthorised navigation is prohibited within 500 meters of all such structures."		34°21.0'S 149°12.0'E
75035	17Ed. 1/22/83 LAST NM 12/86			(3(80)86 Sydney) 20/86
	Add	R Bn (AERO)		37°35.9'S 149°43.7'E
75035	17Ed. 1/22/83 LAST NM 20/86			(13(247)86 Sydney) 22/86
	Change	Light to Fl 6s 88ft 18M Racon (See 4/86-75035)		38°18.8'S 148°26.3'E
75035	17Ed. 1/22/83 LAST NM 22/86			(5(116)86 Sydney) 26/86
	Delete	Chartlet (See 4/86 - 75035)		38°42.0'S 148°18.0'E
	Add	Chartlet, depicting amendment to traffic separation scheme and changes to aids to navigation, from back of Section I		38°41.0'S 148°16.0'E
75035	17Ed. 1/22/83 LAST NM 26/86			(2(58), 16(283)86 Sydney) 33/86
	Add	Caution No. 3 to cautions note "3. Gas pipelines contain flammable natural gas under high pressure. Any ship damaging a pipe could face an immediate fire hazard. Mariners are strongly advised not to anchor or trawl near pipelines."		34°44.0'S 150°00.0'E
		Depth 43 fathoms "Rep (1985)"		37°48.1'S 149°48.8'E
75035	17Ed. 1/22/83 LAST NM 33/86			(27(445)86 Sydney) 35/86
	Delete	Depth 21 fathoms "Rep (1982)"		39°21.1'S 148°30.9'E
	Add	Depths 21 fathoms "Rep (1986)"		39°17.1'S 148°30.1'E
		19 fathoms "Rep (1986)"		39°19.0'S 148°30.9'E
		18 fathoms "Rep (1986)"		39°22.3'S 148°30.3'E
		17 fathoms "Rep (1986)"		39°28.3'S 148°30.5'E
		21 fathoms "Rep (1986)"		39°33.1'S 148°30.3'E
75035	17Ed. 1/22/83 LAST NM 35/86			(50(682)86 Sydney) 11/87
	Change	Light to Fl 7½s 262ft 20M		36°15.3'S 150°13.8'E

(continued on next page)

			11/87
75035	(Continued) Add	Buoys (waverider). Y. spherical. Fl(5) 20s	34°28.0'S 151°01.0'E 35°43.0'S 150°20.5'E 37°10.3'S 150°10.1'E
75035	17Ed. 1/22/83 LAST NM 11/87 Change	Light to Fl(4) 16s 180ft 13M	(7(72)87 Sydney) 15/87 34°02'S 151°13'E
75035	17Ed. 1/22/83 LAST NM 15/87 Delete	Buoys (waverider) (See 11/87-75035)	(15(180)87 Sydney) 27/87 34°28.0'N 151°01.0'E 35°43.0'N 150°20.5'E 37°10.3'S 150°10.1'E
75035	17Ed. 1/22/83 LAST NM 27/87 Delete	Buoys (waverider) (See 27/87-75035)	(15(180)87 Sydney) 42/87 34°28.0'S 151°01.0'E 35°43.0'S 150°20.5'E
75035	17Ed. 1/22/83 LAST NM 42/87 Change	Visibility (range) of light to 21M	(31(372)87 Sydney) 44/87 38°18.8'S 148°26.3'E
75035	17Ed. 1/22/83 LAST NM 44/87 Add	Depth 11 fathoms "Rep (1988)"	(6(116)89 Sydney) 23/89 39°40.5'S 148°21.5'E
★75051	4Ed. 2/6/82 Add	NEW EDITION Pilot station symbol (Previously published 13/82)	(DMAHTC: 34(487)80 Sydney) 15/82 35°03.28'S 117°58.41'E
	Add	(Plan) Port light: "16" Fl R 3s	35°02.285'S 117°53.270'E
75051	4Ed. 2/6/82 LAST NM 15/82 Add	Legend "(lighted)" to position circle "TR"	(43(593)81 Sydney) 16/82 34°59.67'S 117°56.52'E
		Special buoy: "1", Y. pillar	35°01.92'S 117°56.52'E
		Port buoy: "2", R. Fl R 3s	35°02.00'S 117°56.56'E
75051	4Ed. 2/6/82 LAST NM 16/82 Delete	Overhead power cable and legend "H 21m" between	(4(75)82 Sydney) 40/82 34°59'59"S 117°56'46"E 34°59'58"S 117°56'55"E
	Delete	(Plan) Position circle "Bn"	35°02'56"S 117°53'55"E
75051	4Ed. 2/6/82 LAST NM 40/82 Change	Buoy "1" to starboard buoy: "1", G. cone topmark. Fl(2) G 4.5s Buoy "2" to port buoy: "2", R. can topmark. Fl(2) R 4.5s (See 16/82-75051)	(20(278)82 Sydney) 43/82 35°01.92'S 117°56.52'E 35°02.01'S 117°56.56'E
75051	4Ed. 2/6/82 LAST NM 43/82 Add	(Plan) Bns. red	(23(321)82 Sydney) 47/82 35°02.73'S 117°53.68'E 35°02.85'S 117°54.18'E
75051	4Ed. 2/6/82 LAST NM 47/82 Change	Light to Fl(2) 6s 119m 12M	(51(747)82, 5(37)83 Sydney) 24/83 35°03'57"S 118°03'22"E
	Add	Light Dir Al WRG 4s 18m 6M, F Bu with sectors green 340°17'-342°17', white 341°17'-345°17', red 344°17'-346°17' Note: Joint sectors visible green/white 341°17'-342°17' and white/red 344°17'-345°17'	35°00'00.2"S 117°56'00.7"E
		Bearing line with legend "Dir Lt 343°17'" extending in 163°17' direction from above directional light dashed for 0.4 mile, thence solid for 1.6 miles	

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75051	4Ed. 2/6/82 LAST NM 24/83		(20(344)83 Sydney) 42/83
	Delete	Topmark from buoys "1"	35°01.92'S 117°56.52'E
		"2"	35°02.01'S 117°56.56'E
		(See 43/82-75051)	
75051	4Ed. 2/6/82 LAST NM 42/83		(41(682)83 Sydney) 51/83
		(Plan)	
	Change	Characteristic of light to Fl G 3s	35°02.45'S 117°53.98'E
75051	4Ed. 2/6/82 LAST NM 51/83		(BA LL; Aus CH 118) 53/83
	Add	Depth 19.4 meters	35°12'17"S 117°57'12"E
		(And Plan)	
	Change	Visibility (range) of light to 12M	35°02'10"S 117°55'00"E
75051	4Ed. 2/6/82 LAST NM 53/83		(Aus CH 110) 10/84
	Add	Depths 23 meters	35°03'57"S 118°04'43"E
		16 meters	35°03'48"S 118°04'41"E
		30 meters	35°03'45"S 118°04'39"E
75051	4Ed. 2/6/82 LAST NM 10/84		(34(610)84 Sydney) 4/85
	Delete	Light "4"	35°02'13"S 117°55'47"E
75051	4Ed. 2/6/82 LAST NM 4/85		(22(343)85 Sydney) 31/85
		(And Plan)	
	Change	Visibility (range) of light to 9M	35°02.2'S 117°55.0'E
75051	4Ed. 2/6/82 LAST NM 31/85		(34(532)85 Sydney) 42/85
	Change	Note to	
		"BUOYAGE	
		IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	35°01.7'S 117°48.4'E
	Add	Light "4" Fl R 3s 9m	35°02.25'S 117°55.75'E
		(See 4/85-75051)	
		(Plan)	
	Delete	Bn	35°02.73'S 117°53.68'E
	Substitute	Light "12" QR for Bn	35°02.85'S 117°54.18'E
75051	4Ed. 2/6/82 LAST NM 42/85		(30(472)86 Sydney) 37/86
	Change	Buoys to	
		"1", green above black, pillar, Fl(2) G 4½s	35°01.92'S 117°56.52'E
		"2", red above black, pillar, Fl(2) R 4½s	35°02.01'S 117°56.56'E
75051	4Ed. 2/6/82 LAST NM 37/86		(5(37)83 Sydney) 8/87
	Delete	Light	35°00.0'S 117°56.0'E
	Add	Light Dir Al WRG 4s 18m 6M, F Bu with sectors green 340°17'-342°17', white 341°17'-345°17', red 344°17'-346°17'	35°00.015'S 117°56.677'E
		Note: Joint sectors visible green/white 341°17'-342°17' and white/red 344°17'-345°17'	
		Bearing line with legend "Dir Lt 343°17'" extending in 163°17' direction from above directional light dashed for 0.4 mile, thence solid for 1.6 miles	
75051	4Ed. 2/6/82 LAST NM 8/87		(Aus CH 118) 21/87
	Relocate	Light close ESE to	35°07.28'S 117°53.87'E
75051	4Ed. 2/6/82 LAST NM 21/87		(15(190)87 Sydney) 27/87
		(Plan)	
	Change	Light "12" to Fl R 3s	35°02.8'S 117°54.2'E
	Add	Beacon (minor) "12A" R, can topmark	35°02.732'S 117°53.681'E
75051	4Ed. 2/6/82 LAST NM 27/87		(4(84)88 Sydney; Aus CH 110) 14/88
	Add	Beacons, each YBY,	
		Q(9) 15s 3m 4M	35°00.16'S 117°56.81'E
		VQ(9) 10s 2m 4M	35°00.63'S 117°57.04'E

*75051	4Ed. 2/6/82 LAST NM 14/88 Change	Buoy to RW, pillar, Fl 10s	(49(710)88 Sydney) 10/89 35°02.8'S 117°57.4'E
75110	1Ed. 8/1/87	NEW CHART	(DMAHTC) 44/87
75110	1Ed. 8/1/87 LAST NM 44/87 Substitute	Depth 0.5 meter Wk marked close NE by buoy BRB, pillar, double ball topmark, for stranded wreck	(8(150)89 Sydney) 22/89 32°18.0'S 133°31.4'E
75120	1Ed. 3/28/87 Delete	NEW CHART Depths 20.1 meters 62 meters 51 meters 24 meters 64 meters	(DMAHTC: 9(107)87 Sydney) 21/87 32°24.8'S 133°41.7'E 33°16.2'S 134°19.3'E 33°42.7'S 134°17.4'E 33°43.1'S 134°19.8'E 33°54.6'S 134°33.9'E
		Dangerous submerged rocks (3), blue tint, limiting danger line and legend "(PA)" in vicinity	34°49.5'S 135°21.8'E
		Note: Legend "Stuart Rf (breaks heavily occas)" remains	
	Substitute	Depth 37 meters for 46 meters	33°06.1'S 134°01.7'E
	Add	Depths 16 meters 18 meters 35 meters 31 meters 29 meters 36 meters 39 meters 32 meters 24 meters 37 meters 49 meters 30 meters 13 meters 37 meters 35 meters 36 meters 40 meters 26 meters 32 meters 41 meters 8 meters (SD) 13 meters 33 meters	32°23.9'S 133°40.4'E 32°25.2'S 133°41.6'E 32°38.7'S 133°45.5'E 32°37.8'S 133°51.2'E 32°45.2'S 133°54.8'E 32°50.1'S 133°52.4'E 32°52.8'S 133°58.8'E 33°10.6'S 134°04.1'E 33°11.1'S 134°07.0'E 33°11.6'S 134°09.9'E 33°16.0'S 134°19.0'E 33°42.2'S 134°17.8'E 33°42.9'S 134°20.5'E 33°54.8'S 134°34.7'E 33°49.5'S 134°38.9'E 33°49.6'S 134°42.9'E 33°52.6'S 134°45.0'E 33°48.2'S 134°48.9'E 33°49.3'S 134°48.9'E 33°53.1'S 134°54.9'E 34°41.7'S 135°09.8'E 34°45.8'S 135°11.8'E 34°53.7'S 135°09.0'E
		Depth 4 meters enclosed by depth contour (4-meters), radius 0.6 mile, centered	34°49.3'S 135°22.2'E
*75130	14Ed. 7/13/85 Change	NEW EDITION Buoy to YB, spar, double cone topmark points down, Q(6) + L Fl 15s	(DMAHTC: 8(121)85 Sydney) 40/85 35°09.8'S 137°49.3'E
75130	14Ed. 7/13/85 LAST NM 40/85 Change	Light to Fl(3) 20s 148ft 22M	(45(667)85 Sydney) 1/86 35°20.3'S 136°07.1'E
75130	14Ed. 7/13/85 LAST NM 1/86 Delete	Buoy	(4(97)86 Sydney) 15/86 34°45.2'S 138°01.0'E
	Add	Light Fl(4) 16s 36ft 9M	34°45.6'S 138°00.5'E
75130	14Ed. 7/13/85 LAST NM 15/86 Change	Visibility (range) of light to 12M	(20(348)86 Sydney) 27/86 35°15.0'S 136°49.7'E
75130	14Ed. 7/13/85 LAST NM 27/86 Change	Shape of buoy to pillar (See 40/85-75130)	(19(329)86 Sydney) 28/86 35°09.8'S 137°49.3'E
75130	14Ed. 7/13/85 LAST NM 28/86 Change	Visibility (range) of light to 9/7 M	(16(281)86 Sydney) 30/86 34°32.5'S 136°05.4'E

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75130	14Ed. 7/13/85 LAST NM 30/86		
	Add	Legend "(PA)" to wreck	(26(438)86 Sydney) 34/86 35°21'S 138°06'E
75130	14Ed. 7/13/85 LAST NM 34/86		
	Change	Light to Fl(2) 8s 36ft 7M Ra Ref	(29(465)86 Sydney) 36/86 35°01.7'S 137°55.5'E
75130	14Ed. 7/13/85 LAST NM 36/86		
	Delete	Buoy	(3(47), 5(65)87 Sydney) 14/87 34°40.6'S 136°07.4'E
	Change	Light to Fl(2) 8s 49ft 10M	34°29.4'S 136°17.4'E
	Add	Depths 8 fathoms 2 feet (SD)	35°33.4'S 138°40.7'E
		9 fathoms (SD)	35°33.5'S 138°42.3'E
		9 fathoms 3 feet	35°34.0'S 138°45.9'E
		10 fathoms	35°35.1'S 138°44.3'E
75130	14Ed. 7/13/85 LAST NM 14/87		
	Change	Light to Fl 5s 25ft 10M	(12(147)87 Sydney) 19/87 34°34.3'S 138°06.8'E
75130	14Ed. 7/13/85 LAST NM 19/87		
	Change	Light to Fl WRG 2s 40ft 15/12M	(31(371)87 Sydney) 44/87 34°38.9'S 135°56.3'E
75130	14Ed. 7/13/85 LAST NM 44/87		
	Delete	Buoy	(4(86)88 Sydney) 14/88 35°09.9'S 138°49.3'E
75130	14Ed. 7/13/85 LAST NM 14/88		
	Delete	Buoy (Cancels 14/88-75130)	(4(86)88 Sydney) 21/88 35°09.9'S 137°49.3'E
75130	14Ed. 7/13/85 LAST NM 21/88		
	Change	Light to Fl 2½s 36ft 11M	(11(172)88 Sydney) 24/88 34°49.0'S 136°12.9'E
75130	14Ed. 7/13/85 LAST NM 24/88		
	Delete	Depths 11 fathoms	(13(201, 202)88 Sydney) 29/88
		12 fathoms	34°34.2'S 136°22.9'E
		8 fathoms	34°38.0'S 136°17.5'E 34°40.2'S 136°22.6'E
	Substitute	Depth 2 fathoms 4 feet (SD) for 4 fathoms 1 foot	
			34°35.4'S 135°59.0'E
	Change	Light to Fl(3) WR 15s 111ft 10/8M	34°29.8'S 137°20.8'E
	Add	Depths 9 fathoms 5 feet (SD)	34°33.9'S 136°22.5'E
		6 fathoms (SD)	34°37.9'S 136°18.0'E
		4 fathoms 5 feet (SD)	34°40.2'S 136°22.3'E
		3 fathoms 5 feet (SD)	34°54.6'S 136°05.8'E
		7 fathoms 4 feet (SD)	34°59.4'S 136°10.0'E
75130	14Ed. 7/13/85 LAST NM 29/88		
	Change	Light to Fl(2) 15s 676ft 17M	(14(220)88 Sydney) 33/88 35°10.6'S 136°29.3'E
75130	14Ed. 7/13/85 LAST NM 33/88		
	Change	Visibility (range) of light to 21M	(31(467)88 Sydney) 48/88 35°45.3'S 136°35.7'E
75130	14Ed. 7/13/85 LAST NM 48/88		
	Add	Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s	(39(542)88 Sydney) 53/88 35°09.9'S 137°49.3'E
75130	14Ed. 7/13/85 LAST NM 53/88		
	Delete	R Bn at light	(3(73)89 Sydney) 16/89 35°45.3'S 136°35.7'E
75130	14Ed. 7/13/85 LAST NM 16/89		
	Substitute	Depth 17 fathoms for 30 fathoms	(BA CH 1762) 20/89 35°13.1'S 136°33.0'E
	Add	Depths 18 fathoms	35°13.9'S 136°33.2'E
		10 fathoms 3 feet	35°15.2'S 136°33.5'E
75130	14Ed. 7/13/85 LAST NM 20/89		
	Add	Light Fl WR 2s 30ft 9/7M with sectors white 036°-064°, red-113°, white-166°	(11(188)89 Sydney) 22/89 34°29.5'S 137°28.7'E
★75131	5Ed. 12/15/84	NEW EDITION	(DMAHTC) 12/85
75131	5Ed. 12/15/84 LAST NM 12/85		
	Delete	Buoy	(3(47)87 Sydney) 14/87 34°40.7'S 136°07.3'E

75131	5Ed. 12/15/84 LAST NM 14/87 Change	Light to Fl WRG 2s 12m 15/12M and sectors to white 040°-189°, red-247°, white-280°, green-288°, white-302°, red-324°, white-348°, red-040°	(31(371)87 Sydney) 44/87 34°39.0'S 135°56.2'E
75131	5Ed. 12/15/84 LAST NM 44/87 Delete	Depths 10.6 meters 7.6 meters	(13(201)88 Sydney) 29/88 34°54.4'S 136°05.6'E 34°35.3'S 135°58.9'E
	Add	Depths 5 meters 7 meters	34°35.4'S 135°58.9'E 34°54.5'S 136°05.6'E
*75132	10Ed. 11/12/83	NEW EDITION	(DMAHTC) 2/84
75132	10Ed. 11/12/83 LAST NM 2/84 Change	Lights to "7" Fl G 2s, FR (undesignated) Fl 2s, F RY	(50(845)84 Sydney) 8/85 34°47'41"S 138°26'51"E 34°47'43"S 138°27'06"E
75132	10Ed. 11/12/83 LAST NM 8/85 Change	Lights to "5" Fl G 4s, FR (undesignated) Fl 4s, FR	(25(387)85 Sydney) 32/85 34°47.65'S 138°26.55'E 34°47.72'S 138°26.18'E
75132	10Ed. 11/12/83 LAST NM 32/85 Add	Buoy, Y, pillar, "X" topmark	(43(645)85 Sydney) 52/85 34°50.0'S 138°27.0'E
75132	10Ed. 11/12/83 LAST NM 52/85 Delete	Range lights, range lines and legend "Lights in line 169°57'-349°57'" between	(Aus CH 137; 11(131), 34(411)87 Sydney) 47/87 34°47.34'S 138°30.48'E 34°49.05'S 138°30.85'E
		"Lights in line 183°05'-003°05'" between	34°48.12'S 138°30.79'E 34°49.45'S 138°30.70'E
		"Lights in line 025°54'" between	34°48.97'S 138°30.84'E 34°49.69'S 138°30.40'E
		Stranded wreck (PA)	34°48.13'S 138°30.58'E
		Buoys	34°46.47'S 138°29.03'E 34°45.97'S 138°29.41'E 34°46.73'S 138°30.94'E
		Light "9"	34°46.78'S 138°30.92'E
	Change	Light "27" to FG	34°46.50'S 138°30.89'E
	Add	Range light, front F	34°46.060'S 138°29.490'E
		Range line extending in 230°39' direction from rear light "15" dashed for 925 meters, thence solid for 760 meters	34°45.860'S 138°29.792'E
		Legend "Lights in line 050°39'" along above range line	34°46.280'S 138°29.160'E
		Range lights, front FR rear FR front FR rear FR	34°47.555'S 138°30.560'E 34°47.429'S 138°30.538'E 34°48.959'S 138°30.800'E 34°49.185'S 138°30.838'E
		Range line extending in 171°59' direction from rear light dashed for 920 meters, thence solid for 1500 meters, thence dashed for 84 meters to rear light	34°47.429'S 138°30.538'E 34°49.185'S 138°30.838'E
		Legend "Lights in line 171°59'-351°59'" along above range line	34°48.900'S 138°30.730'E
		Range light, rear FR	34°48.788'S 138°30.886'E

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Add	Range line extending in 202°30' direction from above rear light through common front	47/87
	dashed for 670 meters, thence	34°48.959'S 138°30.800'E
	solid for 1280 meters	
	Legend "Lights in line 022°30'" along above range line	34°49.400'S 138°30.560'E
	Range lights, front FR	34°48.320'S 138°30.804'E
	rear FR	34°48.192'S 138°30.818'E
	front FY	34°49.331'S 138°30.700'E
	rear FY	34°49.471'S 138°30.680'E
	Range line extending in 185°01' direction from rear light	
	dashed for 990 meters, thence	34°48.192'S 138°30.818'E
	solid for 700 meters, thence	
	dashed for 655 meters to	
	rear light	34°49.471'S 138°30.680'E
	Legend "Lights in line 185°01'-005°01'" along above range line	34°48.890'S 138°30.720'E
	Submarine pipelines with legend "Gas (CAUTION 4)" between	34°48.400'S 138°30.586'E
		34°48.339'S 138°30.895'E
	between	34°49.451'S 138°30.412'E
		34°49.570'S 138°30.620'E
	Caution No. 4 to cautions note "4. Gas pipelines contain flammable gas under high pressure. Any ship damaging the pipeline would face an immediate fire hazard. Mariners are cautioned not to anchor or trawl in the vicinity of pipelines."	34°52.000'S 138°30.300'E
	Submarine pipeline with legend "Outfall" between	34°51.430'S 138°28.500'E
		34°51.331'S 138°26.117'E

75132 10Ed. 11/12/83 LAST NM 47/87

Delete	Buoy	(40[496]87 Sydney) 50/87 34°46.1'S 138°27.0'E
Change	Shape of buoy to spherical	34°50.0'S 138°27.0'E
	Buoy to G, can, cone topmark	34°45.5'S 138°27.3'E
Add	"Historic Wreck (see Note)" area bound by purple composite-line circle, radius 100 meters, centered	34°47'30"S 138°28'00"E
	Note "HISTORIC WRECK The site of an historic wreck is protected from unauthorized interference."	34°51'30"S 138°30'18"E

75132 10Ed. 11/12/83 LAST NM 50/87

Delete	Purple dashed line between	(41(507)87 Sydney) 52/87 34°45.21'S 138°26.85'E
		34°46.15'S 138°26.85'E
Add	Purple dashed line (spoil ground limit) joining	34°46.145'S 138°26.875'E
		34°46.145'S 138°27.330'E
		34°45.217'S 138°27.330'E
	Depths 2.1 meters	34°45.439'S 138°27.650'E
	1.8 meters	34°45.580'S 138°27.306'E
	2 meters	34°45.762'S 138°27.149'E
	2.4 meters	34°45.770'S 138°26.940'E
	2 meters	34°46.045'S 138°27.843'E
	2.8 meters	34°46.127'S 138°27.158'E

			(51(675)87 Sydney) 7/88
75132	10Ed. 11/12/83 LAST NM 52/87		
	Change	Characteristic of range lights. front to FR rear to FR (See 47/87-75132)	34°49.33'S 138°30.70'E 34°49.47'S 138°30.68'E
			(11(173)88 Sydney) 24/88
75132	10Ed. 11/12/83 LAST NM 7/88		
	Delete	Light "11"	34°46.09'S 138°29.36'E
	Add	Buoy G, conical, FG	34°46.021'S 138°29.482'E
			(38(527)88 Sydney) 53/88
75132	10Ed. 11/12/83 LAST NM 24/88		
	Delete	Buoy	34°45.5'S 138°27.3'E
			(DMAHTC: NVS6848/83) 47/83
*75134	1Ed. 7/30/83	NEW CHART	34°24.9'S 137°55.6'E
	Delete	R Bn (AERO) Light (Wave Recorder)	34°46.0'S 138°23.8'E
	Change	Legend "SOUNDINGS IN METERS" to "SOUNDINGS IN FATHOMS" in lower right margin of chart	
		Light to Q 12ft 5M	34°44.2'S 138°27.9'E
		Note to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	34°15.0'S 138°27.0'E
	Add	Ra Ref to light	34°47.3'S 138°24.6'E
		Purple dashed-line circle, radius 0.3 mile, with legend "Historic Wreck (see Note)" centered	34°30.5'S 138°04.0'E
		Note "HISTORIC WRECK The site of an historic wreck is protected from unauthorized interference."	34°17.0'S 138°27.0'E
		(Plan A)	35°06.0'S 138°29.4'E
	Delete	R Bn (AERO)	34°47.75'S 138°28.90'E
	Change	Light to Fl R 2s 5M	(37(659)84 Sydney) 2/85
75134	1Ed. 7/30/83 LAST NM 47/83		
		(Plan A)	
	Add	Danger circle "Obstr (Fish haven) (covered 8 fathoms 4 feet)", marked by buoy, Y, can, "X" topmark	34°55.0'S 138°24.0'E
			(50(845)84 Sydney) 8/85
75134	1Ed. 7/30/83 LAST NM 2/85		
		(PLAN A)	34°47.7'S 138°26.8'E
	Change	Lights to Fl G 2s, FR Fl 2s, FRY	34°47.8'S 138°27.1'E
			(18(309)84, 3(51, 52)85 Sydney) 12/85
75134	1Ed. 7/30/83 LAST NM 8/85		
	Delete	Dashed-line circles and legend "Light"	34°30.5'S 138°04.0'E 34°45.5'S 138°00.5'E
	Add	Purple dashed-line circle, radius, 0.3 mile, with legend "Historic Wreck (see Note)" centered	34°30.82'S 138°03.72'E
		Buoy, BYB, double cone topmark bases together, Q(3) 10s	34°45.50'S 138°01.00'E
		Depth 5 fathoms 4 feet Wk marked by buoy, Y, spherical, "X" topmark	34°31.84'S 138°03.68'E
		(Plan A) Depth 6 fathoms 5 feet Wk marked by buoy, Y, spherical, "X" topmark	34°58.81'S 138°26.37'E

75134	1Ed. 7/30/83 LAST NM 12/85		
	Delete	Dashed-line circle and legend "Historic Wreck (See Note)" centered	(18(309)84, 3(51)85 Sydney) 15/85 34°30.5'S 138°04.0'E
		Light (See 12/85-75134)	34°45.5'S 138°00.5'E
75134	1Ed. 7/30/83 LAST NM 15/85		
	Add	Buoy, Y, spherical, "X" topmark	(21(360)84 Sydney) 41/85 34°30.82'S 138°03.73'E
75134	1Ed. 7/30/83 LAST NM 41/85		
		(And Plan A)	(43(645)85 Sydney) 52/85
	Add	Buoys, Y, pillar, "X" topmark	34°46.0'S 138°25.2'E 34°50.0'S 138°27.0'E
75134	1Ed. 7/30/83 LAST NM 52/85		
	Delete	Buoy	(4(97)86 Sydney) 15/86 34°45.5'S 138°01.0'E
	Add	Light Fl(4) 16s 36ft 9M	34°45.6'S 138°00.5'E
75134	1Ed. 7/30/83 LAST NM 15/86		
	Relocate	Light (34°45.6'S 138°00.5'E) to (See 15/86-75134)	(13(242)86 Sydney) 21/86 34°45.5'S 138°00.5'E
75134	1Ed. 7/30/83 LAST NM 21/86		
		(Plan A)	(44(627)86 Sydney) 1/87
	Add	Depths 8 fathoms 4 feet "Obstr (Fish haven)", each marked close W by buoy, Y, spherical, "X" topmark	34°59.0'S 138°26.4'E 35°08.7'S 138°26.6'E
75134	1Ed. 7/30/83 LAST NM 1/87		
	Change	Light to Fl 5s 25ft 10M	(12(147)87 Sydney) 19/87 34°34.3'S 138°06.5'E
75134	1Ed. 7/30/83 LAST NM 19/87		
		(And Plan A)	(34(411)87 Sydney) 47/87
	Add	Submarine pipeline with legend "Outfall" between	34°51.43'S 138°28.50'E 34°51.32'S 138°25.62'E
75134	1Ed. 7/30/83 LAST NM 47/87		
		(And Plan A)	(40(497)87 Sydney) 50/87
	Delete	Buoys	34°46.0'S 138°25.2'E 34°46.2'S 138°27.1'E
	Change	Color of buoy to G Shape of buoy to spherical	34°45.5'S 138°27.4'E 34°50.0'S 138°27.0'E
		(Plan A)	
	Change	Shape of topmark to can	34°46.5'S 138°28.3'E
75134	1Ed. 7/30/83 LAST NM 50/87		
		(And Plan A)	(41(507)87 Sydney) 52/87
	Add	Depths 1 fathom 3 feet 1 fathom 1 fathom 3 feet	34°45.20'S 138°26.75'E 34°45.75'S 138°27.01'E 34°46.18'S 138°27.14'E
		(Plan A)	
	Delete	Dashed line between	34°45.0'S 138°26.9'E 34°46.2'S 138°26.9'E
		Depth 1 fathom 4 feet	34°46.2'S 138°27.8'E
	Add	Dashed line (spoil ground limit) joining	34°46.15'S 138°26.90'E 34°46.15'S 138°27.35'E 34°44.98'S 138°27.35'E 34°44.98'S 138°26.90'E
		Depths 1 fathom 1 foot 1 fathom 1 fathom	34°45.40'S 138°27.60'E 34°45.51'S 138°27.20'E 34°46.05'S 138°27.81'E
75134	1Ed. 7/30/83 LAST NM 52/87		
	Add	Light Ldg FR, FG	(32(480)88 Sydney) 48/88 34°11.3'S 138°08.7'E
75134	1Ed. 7/30/83 LAST NM 48/88		
		(And Plan A)	(38(527)88 Sydney) 53/88
	Delete	Buoy	34°45.5'S 138°27.4'E

★75142	4Ed. 2/20/88	NEW EDITION	(DMAHTC) 18/88
★75143	2Ed. 7/14/84	NEW EDITION	
	Substitute	Light star symbol for rock	(DMAHTC; 43(718)83 Sydney) 42/84 33°00.9'S 137°45.8'E
	Add	Solid lines (jetty) between	32°59.6'S 137°45.8'E 33°00.9'S 137°45.8'E
		(T-head) joining	33°00.9'S 137°45.9'E 33°00.9'S 137°45.8'E 33°00.9'S 137°45.7'E
75143	2Ed. 7/14/84 LAST NM 42/84		(16(230), 19(301), 20(310)85 Sydney) 29/85
	Delete	Buoy "C2"	33°43.2'S 137°29.0'E
	Relocate	Buoy 0.3 mile E to	33°31.7'S 137°28.5'E
	Add	Dashed lines (harbor limit) between	33°03.7'S 137°40.5'E 33°04.6'S 137°48.1'E
		between	33°00.1'S 137°47.1'E 33°02.9'S 137°49.5'E
		Legend "Port Bonython Port Limits"	33°04.0'S 137°44.3'E
		Lights Fl(4) 20s 6m 9M Fl(2) 8s 6m 10M Fl 5s 6M 10M	33°44.0'S 137°29.7'E 33°30.0'S 137°28.5'E 33°11.2'S 137°32.0'E
75143	2Ed. 7/14/84 LAST NM 29/85		(24(370)85 Sydney) 32/85
	Delete	Buoy "Plank Shoal" (See 29/85-75143) Lightfloat "C3"	33°31.7'S 137°28.5'E 33°29.2'S 137°32.5'E
75143	2Ed. 7/14/84 LAST NM 32/85		(43(642)85 Sydney) 52/85
	Add	Lights Fl R 2s QR Fl R 2s	33°02.78'S 137°52.60'E 33°02.51'S 137°57.80'E 33°02.89'S 137°58.23'E
75143	2Ed. 7/14/84 LAST NM 52/85		(4(96), 5(114)86 Sydney) 15/86
	Delete	Buoy "C4" Light	33°21.7'S 137°32.2'E 33°00.9'S 137°45.8'E
	Change	Visibility (range) of light to 10M and add Ra Ref	33°17.0'S 137°35.6'E
75143	2Ed. 7/14/84 LAST NM 15/86		(9(170)86 Sydney) 17/86
	Substitute	Depth 9.6 meters for 9.8 meters	33°00.9'S 137°44.5'E
75143	2Ed. 7/14/84 LAST NM 17/86		(36(531)86 Sydney) 43/86
	Change	Visibility (range) of light to 16M	33°39.6'S 137°12.8'E
75143	2Ed. 7/14/84 LAST NM 43/86		(37(546)86 Sydney) 45/86
	Add	Light FY 44m 8M	33°06.4'S 138°01.6'E
75143	2Ed. 7/14/84 LAST NM 45/86		(5(64)87 Sydney) 14/87
	Change	Lights to Fl(4) 16s 7m 10M Fl(2) 8s 7m 10M	33°10.0'S 137°43.6'E 33°04.5'S 137°47.9'E
75143	2Ed. 7/14/84 LAST NM 14/87		(Aus CH 136) 25/87
	Substitute	Light Fl 4s 3M for position circle "TIDE GAUGE"	33°03.5'S 137°54.9'E
75143	2Ed. 7/14/84 LAST NM 25/87		(15(192)87 Sydney) 27/87
	Delete	Pilot station symbol	33°02.4'S 137°38.9'E
	Add	Legend "Port Pirie" to pilot station symbol	33°04.3'S 137°46.8'E
		Pilot station symbols with legend "Whyalla" "Port Bonython"	33°03.8'S 137°38.9'E 33°07.4'S 137°39.2'E
75143	2Ed. 7/14/84 LAST NM 27/87		(26(315)87 Sydney) 42/87
	Add	Dashed lines (preferred route), each with directional arrows and legends "216°-036°" between	33°54.6'S 137°20.7'E 33°47.3'S 137°27.1'E

(continued on next page)

75143 (Continued)
Add "188°-008°" between 42/87
33°47.3'S 137°27.1'E
33°30.0'S 137°30.1'E

"180°-000°" between
33°30.0'S 137°30.1'E
33°21.7'S 137°30.1'E

"201°-021°" between
33°21.7'S 137°30.1'E
33°16.1'S 137°32.7'E

"217°-037°" between
33°16.1'S 137°32.7'E
33°08.7'S 137°39.3'E

Legends "Preferred Route (see Note)"
33°23.6'S 137°30.0'E
33°48.8'S 137°26.0'E

Note
"PREFERRED ROUTES
Tracks shown —<—>— have not been surveyed in accordance with the IMO standards for recommended tracks, but are the preferred routes for vessels having regard to charted depths."

33°50.7'S 137°49.5'E

75143 2Ed. 7/14/84 LAST NM 42/87
Change Light to Fl 2½s 10m ;1M
(13(203)88 Sydney) 29/88
33°37.0'S 137°32.7'E

★75144 2Ed. 5/17/86 NEW EDITION
(DMAHTC) 28/86

75144 2Ed. 5/17/86 LAST NM 28/86
Change Light to Fl(2) 8s 15m 10M
(3(47)87 Sydney) 14/87
34°29.4'S 136°16.9'E

75144 2Ed. 5/17/86 LAST NM 14/87
Add Dashed line (preferred route), each with directional arrows and legends
(26(315)87 Sydney) 42/87

"211°-031°" between
34°09.0'S 137°09.4'E
34°00.2'S 137°15.8'E

"216°-036°" between
34°00.2'S 137°15.8'E
33°47.3'S 137°27.1'E

"188°-008°" between
33°47.3'S 137°27.1'E
33°40.7'S 137°28.2'E

Legends "Preferred Route (see Note)"
33°48.8'S 137°26.0'E
34°05.8'S 137°11.6'E

Note
"PREFERRED ROUTES
Tracks shown —<—>— have not been surveyed in accordance with the IMO standards for recommended tracks, but are the preferred routes for vessels having regard to charted depths."

33°43.8'S 136°41.6'E

75144 2Ed. 5/17/86 LAST NM 42/87
(Plan B)
Change Lights to F Bu
(35(430)87 Sydney) 47/87
33°55.9'S 137°36.9'E
33°56.0'S 137°37.0'E

75144 2Ed. 5/17/86 LAST NM 47/87
Add Depth 10.8 meters Wk
(7(116)88 Sydney) 20/88
33°45.55'S 137°02.08'E

75144 2Ed. 5/17/86 LAST NM 20/88
Change Light to Fl(3) WR 15s 34m 10/8M
(13(202)88 Sydney) 29/88
34°30.0'S 137°20.6'E

75144 2Ed. 5/17/86 LAST NM 29/88
(Plan B)
Delete Depth 8.2 meters
(23(345)88 Sydney) 40/88
33°55.58'S 137°36.33'E

Relocate Light "No 11" close SE to
33°54.53'S 137°36.21'E

Add Depth 7.9 meters
33°55.61'S 137°36.34'E

75144 2Ed. 5/17/86 LAST NM 40/88
Add Light Fl WR 2s 9m 9/7M
(11(188)89 Sydney) 22/89
34°29.8'S 137°28.7'E

★75150	4Ed. 10/30/82	NEW EDITION	(DMAHTC; US LL) 2/83
	Add	Period 1½s to light	36°57.1'S 139°41.0'E
75150	4Ed. 10/30/82 LAST NM 2/83		(BA LL) 29/83
	Change	Height of light to 125ft	35°34.6'S 138°38.5'E
75150	4Ed. 10/30/82 LAST NM 29/83		(BA CH 1094) 51/83
	Add	Depths 12 fathoms	36°03.40'S 138°19.75'E
		13 fathoms	36°05.50'S 138°19.00'E
		16 fathoms	36°07.50'S 138°16.25'E
75150	4Ed. 10/30/82 LAST NM 51/83		(Aus CH 127) 53/83
	Add	Lights Fl WR 4s 25ft 6/4M	37°29.9'S 140°01.3'E
		Fl 1½s 23ft 5M	37°34.7'S 140°07.1'E
75150	4Ed. 10/30/82 LAST NM 53/83		(25(422)86 Sydney) 32/86
	Change	Visibility (range) of light to 9M	36°57.9'S 139°35.4'E
75150	4Ed. 10/30/82 LAST NM 32/86		(27(444)86 Sydney) 35/86
	Delete	Depths 17 fathoms	37°24.8'S 139°47.8'E
		19 fathoms	37°34.7'S 139°58.6'E
		23 fathoms, rocky	37°37.0'S 139°57.7'E
	Add	Depths 11 fathoms "Rep (1986)"	37°14.4'S 139°42.5'E
		15 fathoms "Rep (1986)"	37°16.2'S 139°41.4'E
		22 fathoms "Rep (1986)"	37°20.2'S 139°39.1'E
		24 fathoms "Rep (1986)"	37°22.2'S 139°34.1'E
		16 fathoms "Rep (1986)"	37°24.1'S 139°47.6'E
		25 fathoms "Rep (1986)"	37°26.1'S 139°37.5'E
		25 fathoms "Rep (1986)"	37°29.2'S 139°42.1'E
		19 fathoms "Rep (1986)"	37°30.0'S 139°49.8'E
		25 fathoms "Rep (1986)"	37°37.0'S 139°50.5'E
		14 fathoms "Rep (1986)"	37°34.8'S 139°58.0'E
		10½ fathoms "Rep (1986)"	37°36.7'S 140°00.9'E
		19 fathoms "Rep (1986)"	37°37.4'S 139°57.2'E
		14 fathoms "Rep (1986)"	37°41.7'S 140°07.3'E
75150	4Ed. 10/30/82 LAST NM 35/86		(5(65)87 Sydney) 14/87
	Add	Depths 8¼ fathoms (SD)	35°34.0'S 138°40.9'E
		9 fathoms (SD)	35°34.2'S 138°42.7'E
		9½ fathoms	35°34.6'S 138°46.1'E
		10 fathoms	35°35.8'S 138°44.5'E
		10 fathoms	35°38.3'S 138°54.8'E
		9½ fathoms	35°40.9'S 139°01.1'E
★75160	5Ed. 5/7/83	NEW EDITION	(DMAHTC; 7(136)83 Sydney) 28/83
	Delete	R Bns (AERO)	38°23.0'S 141°37.6'E
			37°45.0'S 140°47.2'E
		(Previously published 26/83)	
	Change	Light to Fl WR 5s 46m 23/19M and add red sector 277°-280°	38°03.5'S 140°40.1'E
75160	5Ed. 5/7/83 LAST NM 28/83		(21(357)83 Sydney) 35/83
	Delete	Depth 20 meters	38°50.75'S 143°18.50'E
	Add	Depth 10 meters	38°51.00'S 143°18.20'E
75160	5Ed. 5/7/83 LAST NM 35/83		(13(243)86 Sydney) 21/86
		(Plan B)	
	Add	Light Fl G 3s 5m 1M	38°23'24"S 142°15'11"E
75160	5Ed. 5/7/83 LAST NM 21/86		(2(51)86 Sydney) 33/86
	Add	Depth 67 meters "Rep (1985)"	39°09.7'S 143°16.5'E
75160	5Ed. 5/7/83 LAST NM 33/86		(27(444), 28(452)86 Sydney) 35/86
	Delete	Depths 35 meters	37°34.0'S 139°58.2'E
		29 meters	38°01.4'S 140°26.5'E
		35 meters	38°02.9'S 140°28.0'E
	Add	Depths 47 meters "Rep (1986)"	37°36.5'S 139°50.6'E
		26 meters "Rep (1986)"	37°34.1'S 139°57.6'E
		19 meters "Rep (1986)"	37°36.1'S 140°00.8'E
		35 meters "Rep (1986)"	37°36.7'S 139°56.9'E
		26 meters "Rep (1986)"	37°42.0'S 140°07.8'E
		41 meters "Rep (1986)"	37°51.3'S 140°11.2'E
		18 meters "Rep (1986)"	38°01.3'S 140°26.0'E

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75160 (Continued)

Add

28 meters "Rep (1986)"	35/86
32 meters "Rep (1986)"	38°03.0'S 140°28.0'E
32 meters "Rep (1986)"	38°04.1'S 140°29.4'E
37 meters "Rep (1986)"	38°06.1'S 140°32.5'E
52 meters "Rep (1986)"	38°10.8'S 140°46.8'E
28 meters "Rep (1986)"	38°13.3'S 140°46.8'E
39 meters "Rep (1986)"	38°10.5'S 140°50.3'E
	38°11.9'S 140°48.7'E

75160 5Ed. 5/7/83 LAST NM 35/86

(Plan B) (37(547)86 Sydney) 45/86

Delete	Position circle "Pile"	38°23'22"S 142°15'08"E
	Light and sector limits	38°23'25"S 142°14'45"E
	Submarine pipeline between	38°23'22"S 142°15'08"E
		38°23'24"S 142°15'11"E
Change	Visibility (range) of light to 3/1M	38°23'24"S 142°15'14"E

75160 5Ed. 5/7/83 LAST NM 45/86

(Plan A) (11(132)87 Sydney) 18/87

Add	Purple dashed line between	38°20'44"S 141°37'30"E
		38°19'23"S 141°37'30"E
	Legend "Quarantine Limit"	38°20'00"S 141°37'27"E

75160 5Ed. 5/7/83 LAST NM 18/87

Delete	Depths 10 meters	(12(148)87 Sydney) 19/87
	27 meters	38°51.0'S 143°18.2'E
	53 meters "Rep (1980)"	38°53.5'S 143°30.9'E
	33 meters "Rep (1952)"	39°00.0'S 143°26.7'E
	31 meters "Rep (1947)"	39°03.3'S 143°17.8'E
		39°17.3'S 143°19.2'E
	Legend "Rep (1985)" from depth (See 33/86-75160)	39°09.7'S 143°16.5'E
Add	Depths 37 meters	38°49.88'S 143°17.94'E
	10 meters	38°50.65'S 143°17.98'E
	16.4 meters	38°53.04'S 143°30.18'E
	23.6 meters	38°53.41'S 143°30.74'E
	49 meters	39°04.17'S 143°16.91'E
	36 meters	39°04.78'S 143°18.73'E
	20.6 meters	38°45.79'S 143°09.63'E

75160 5Ed. 5/7/83 LAST NM 19/87

Change Visibility (range) of light to 21M (42(522)87 Sydney) 52/87 38°25.8'S 141°32.5'E

75160 5Ed. 5/7/83 LAST NM 52/87

Change Visibility (range) of light to 25/20M (9(163)89 Sydney) 19/89 38°51.5'S 143°30.7'E

★75170 11Ed. 8/31/85 NEW EDITION

Delete R Bn (AERO) (DMAHTC; BA RA) 47/85 38°28.5'S 145°37.5'E

75170 11Ed. 8/31/85 LAST NM 47/85

Change Visibility (range) of light to 12M (3(79)86 Sydney) 20/86 38°34.0'S 145°21.3'E

75170 11Ed. 8/31/85 LAST NM 20/86

Add Wreck (21(362)86 Sydney) 30/86 40°46.1'S 145°41.4'E

75170 11Ed. 8/31/85 LAST NM 30/86

Change Visibility (range) of light to 22M (43(618)86 Sydney) 52/86 39°55.8'S 143°50.5'E

75170 11Ed. 8/31/85 LAST NM 52/86

Add Depths 40 meters "Rep (1987)" (11(134)87 Sydney) 18/87 40°17.95'S 144°57.75'E
42 meters "Rep (1987)" 40°12.70'S 144°52.90'E

75170 11Ed. 8/31/85 LAST NM 18/87

Delete	Depths 20 meters	(12(148)87 Sydney) 19/87
	27 meters	38°53.1'S 143°30.0'E
	53 meters "Rep (1980)"	38°53.5'S 143°30.8'E
	31 meters "Rep (1947)"	39°00.0'S 143°26.7'E
		39°17.3'S 143°19.7'E
Add	Depths 16.4 meters	38°53.04'S 143°30.18'E
	23.6 meters	38°53.41'S 143°30.74'E
	36 meters	39°04.78'S 143°18.73'E

75170 11Ed. 8/31/85 LAST NM 19/87

Delete Depth 18.3 meters (20(252)87 Sydney) 29/87 38°29.2'S 144°04.2'E
Add Depth 18 meters 38°29.2'S 144°05.0'E

75170 11Ed. 8/31/85 LAST NM 29/87
Delete — Depth 55 meters
Add — Depth 37 meters

75170 11Ed. 8/31/85 LAST NM 37/88
Change — Light to Fl(2) WR 10s 180m 18/14M and sectors to red shore-138°, white-296°, red-shore

75170 11Ed. 8/31/85 LAST NM 40/88
Delete — R Bn at light
Change — Light to Fl 6s 28m 10M

75170 11Ed. 8/31/85 LAST NM 16/89
Change — Visibility (range) of lights to 25/20M 16M

*75171 19Ed. 1/15/83 NEW EDITION
Delete — Racon from light
Position circle "FS"
Change — Characteristic of buoy to Iso 2s
Note to "BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."
Add — (And Plan)
Shoal depths 11.8 meters
12.8 meters
13 meters
Add — (Plan)
Chartlet depicting changes in hydrography and topography from back of Section I

75171 19Ed. 1/15/83 LAST NM 11/83
Delete — Light "1A"
Add — Light "No 1" Fl G 5s 7m 2M

75171 19Ed. 1/15/83 LAST NM 19/83
Relocate — Buoy close E to

75171 19Ed. 1/15/83 LAST NM 40/83
Add — Dangerous wreck "Rep (1983)"

75171 19Ed. 1/15/83 LAST NM 42/83
Substitute — Racon for Ra Ref at light

75171 19Ed. 1/15/83 LAST NM 50/83
Substitute — Racon for Ra Ref at light
(Cancels 50/83-75171)

75171 19Ed. 1/15/83 LAST NM 52/83
(And Plan)
Delete — Racon

75171 19Ed. 1/15/83 LAST NM 6/84
Relocate — Buoy close SW to

75171 19Ed. 1/15/83 LAST NM 38/84
Change — Light to Fl R 2s 5m 10M

75171 19Ed. 1/15/83 LAST NM 14/85
Delete — Light "Meteorological Recorder"

75171 19Ed. 1/15/83 LAST NM 17/85
Delete — Light (FG)

75171 19Ed. 1/15/83 LAST NM 19/85
Delete — Light (Fl Y 7m 10s 3M)

(18(280)88 Sydney) 37/88
39°22.1'S 144°24.3'E

39°22.8'S 144°22.8'E

(22(335)88 Sydney) 40/88
40°56.8'S 145°43.7'E

(3(74, 75)89 Sydney) 16/89
39°35.4'S 143°56.6'E

39°55.8'S 143°50.5'E

(9(163, 164)89 Sydney) 19/89
38°51.5'S 143°30.7'E
41°01.3'S 144°37.4'E

(DMAHTC; 41/83; 670, 434, 408/82
Syd; Aus CH 157) 11/83
38°11.7'S 144°45.4'E
37°52.3'S 144°54.3'E

38°04.65'S 144°42.72'E

37°53.50'S 144°25.50'E

38°17.78'S 144°40.72'E
38°17.70'S 144°38.96'E
38°17.85'S 144°40.88'E

38°16.0'S 144°40.5'E

(48(691)82 Sydney) 19/83
37°54.6'S 144°55.5'E

37°55'43"S 144°55'35"E

(10(181)83 Sydney) 40/83
38°00.28'S 144°53.28'E

(20(346T)83 Sydney) 42/83
38°15.3'S 144°53.0'E

(37(613)83 Sydney) 50/83
37°56.2'S 145°55.6'E

(37(613)83 Sydney) 52/83
37°56.2'S 144°55.6'E

(BA RA) 6/84

38°17.59'S 144°36.93'E

(25(427)84 Sydney) 38/84
38°00.85'S 144°52.55'E

(3(54)85 Sydney) 14/85
37°51.9'S 144°54.9'E

(46(778)84 Sydney) 17/85
38°02.7'S 145°05.3'E

(8(122)85 Sydney) 19/85
38°21.25'S 144°54.19'E

(15(216)85 Sydney) 28/85
38°19.7'S 144°53.7'E

75171	19Ed. 1/15/83 LAST	NM 28/85	(25(388)85 Sydney) 32/85
	Change	Light to FG 9m 5M	38°17.1'S 144°29.7'E
75171	19Ed. 1/15/83 LAST	NM 32/85	(28(419), 32(419)85 Sydney) 39/85
	Delete	Buoys	37°53.71'S 144°49.45'E
			37°54.40'S 144°50.10'E
			37°59.36'S 144°47.70'E
		Explosives anchorage areas	37°58.85'S 144°47.05'E
			37°56.50'S 144°49.00'E
			37°55.00'S 144°49.42'E
	Add	"Explosives Anchorage Area" bound by purple dashed line joining	37°55.05'S 144°51.22'E
			37°56.51'S 144°49.50'E
			37°57.90'S 144°50.33'E
			37°56.45'S 144°52.00'E
		Buoys, each Y, pillar, "EA2" Fl Y 8s	37°55.05'S 144°51.22'E
		"EA1" Fl(3) Y 8s	37°57.90'S 144°50.33'E
75171	19Ed. 1/15/83 LAST	NM 39/85	(32(483)85 Sydney) 41/85
		(Plan)	
	Add	Buoy, R, can, VQR	38°16.15'S 144°40.51'E
		G, conical, VQG	38°16.11'S 144°40.55'E
		(See 11/83-75171)	
75171	19Ed. 1/15/83 LAST	NM 41/85	(37(575)85 Sydney) 46/85
	Relocate	Buoy "4" close N to	38°18.00'S 144°44.25'E
75171	19Ed. 1/15/83 LAST	NM 46/85	(BA LL) 9/86
	Change	Light to Oc G 6s 11m 11M	37°50.60'S 144°55.65'E
75171	19Ed. 1/15/83 LAST	NM 9/86	(49(721)85 Sydney) 11/86
		(And Plan)	
	Add	Light VQ(6) + L Fl 10s to buoy	38°17.25'S 144°41.35'E
75171	19Ed. 1/15/83 LAST	NM 11/86	(10(185, 186, 188)86 Sydney) 16/86
	Delete	Dangerous wreck "Rep (1983)"	38°15.3'S 144°53.0'E
	Add	Buoy, Y, pillar, "X" topmark, Fl(4) Y 15s	38°09.30'S 144°44.60'E
		Beacon (minor), Y, "X" topmark	38°12.26'S 144°43.32'E
		"Historic Wreck (see note)" area bound by purple composite line circle, radius 0.25 mile, centered	38°12.26'S 144°43.32'E
		Note "HISTORIC WRECK The site of an historic wreck is protected from unauthorized interference."	37°59.50'S 144°25.00'E
75171	19Ed. 1/15/83 LAST	NM 16/86	(8(158)86 Sydney) 17/86
		(And Plan)	
	Change	Sectors of light to white 266°-272°, red-325°, white-069°, red-110°, obsc-266°	38°17.62'S 144°36.77'E
		(Plan)	
	Change	Sectors of light to red 164°-034°, white-164°	38°16.67'S 144°41.82'E
		Sectors of light to red 241°-252°, white-260°, green-267°, red-302°, white- 351°, red-032°, obsc-241°	38°16.52'S 144°39.48'E
75171	19Ed. 1/15/83 LAST	NM 17/86	(13(158)86 Sydney) 22/86
		(And Plan)	
	Change	Sectors of light to red 241°-252°, white-260°, green-267°, red-302°, white-351°, red-032°, white-046°, obsc-241°	38°16.52'S 144°39.48'E
		(See 17/86-75171)	

			(15(171)86 Sydney) 25/86
75171	19Ed. 1/15/83 LAST NM 22/86	(Plan)	
	Change	Legend "Marcus Hill Beacon 2.1 Miles" to "Marcus Hill Column 2.1 Miles"	38°16.3'S 144°37.4'E
		Legend "Marcus Hill & Clarkes Beacon in line 339°22'" to "Column & Beacon in line 339°22'"	38°19.9'S 144°39.0'E
			(37(549)86 Sydney) 45/86
75171	19Ed. 1/15/83 LAST NM 25/86		
	Delete	Spoil ground area centered	38°08.3'S 144°23.8'E
	Add	"Spoil Ground" area with blue tint bound by dashed line joining	38°07'49"S 144°23'43"E 38°08'21"S 144°23'11"E 38°08'41"S 144°23'43"E 38°08'09"S 144°24'15"E
		and delete depth in above area	
			(41(597), 42(607)86 Sydney) 51/86
75171	19Ed. 1/15/83 LAST NM 45/86		
	Add	Position circle (accurate) "Tide gauge" Legends "Tide gauge" "Tidal Heights (see Note)" "Tidal Heights (see Note)"	38°17.41'S 144°43.59'E 38°19.60'S 144°52.45'E 38°13.00'S 144°55.00'E 38°23.50'S 144°35.00'E
		Note "TIDAL HEIGHTS Tidal heights for South Channel are transmitted every 15 minutes to Point Lonsdale Signal Station, who can be contacted on VHF Ch 12 for the last height recorded".	37°58.00'S 144°37.60'E
		(Plan)	38°16.02'S 144°40.27'E
	Delete	Light (See 11/83 - 75171)	
	Change	Light to FR 5m 2M (See 11/83 -75171)	38°16.18'S 144°40.02'E
	Add	Position circle (accurate) "Radar Tr"	38°18.550'S 144°39.583'E
			(47(661)86 Sydney) 5/87
75171	19Ed. 1/15/83 LAST NM 51/86		
	Delete	Lights	37°52.1'S 144°54.7'E 37°50.6'S 144°55.7'E
	Change	Light to Oc Bu 6s 24m 14M, Dir F WRG 21m 15M	37°50.3'S 144°55.7'E
			(49(678)86 Sydney) 8/87
75171	19Ed. 1/15/83 LAST NM 5/87	(And Plan)	
	Add	Depths 11.4 meters 11.9 meters	38°17.87'S 144°40.63'E 38°17.73'S 144°41.05'E
			(50(692)86, 2(39)87 Sydney) 11/87
75171	19Ed. 1/15/83 LAST NM 8/87		
	Delete	Buoy	38°20.2'S 144°50.8'E
	Add	Buoy, BYB, pillar double cone topmark bases together	38°20.33'S 144°50.65'E
		(Plan)	38°15.95'S 144°40.16'E
	Delete	Light (See 11/83-75171)	
	Add	Light Fl R 5s 2M	38°16.03'S 144°40.28'E
			(25(305)87 Sydney) 40/87
75171	19Ed. 1/15/83 LAST NM 11/87	(And Plan)	
	Change	Lights to L Fl(2) WR 15s 37m 12/10M F, Oc 15s 40m 14M (See 11/83-75171)	38°17.61'S 144°36.78'E 38°16.38'S 144°37.63'E
		(Plan)	
	Delete	Depths 4.2 meters 7 meters 9.4 meters 6.4 meters	38°16.2'S 144°42.1'E 38°17.1'S 144°41.5'E 38°17.3'S 144°41.8'E 38°16.4'S 144°42.8'E

(Continued on next page)

75171 (Continued)

	Delete	Dashed lines (sector limits) between	40/87 38°18.1'S 144°38.2'E 38°19.7'S 144°37.0'E
		between	38°16.5'S 144°39.5'E 38°20.1'S 144°38.6'E
		Dashed line and legends "Low Light-Red" and "Obscured" between	38°19.1'S 144°37.4'E 38°19.5'S 144°39.3'E
		(See 11/83-75171)	
	Relocate	Buoy "Deep Draught" close SW to and delete topmark	38°18.13'S 144°42.99'E
	Add	Position circle "Bn"	38°16.50'S 144°43.00'E
		Depths 7.6 meters	38°18.62'S 144°42.66'E
		8.6 meters	38°18.62'S 144°42.30'E
		8.4 meters	38°17.27'S 144°41.76'E
		5.8 meters	38°17.15'S 144°41.48'E
		4.2 meters	38°16.46'S 144°42.66'E
		1.9 meters	38°16.44'S 144°43.09'E
		6 meters	38°16.17'S 144°42.08'E
		Purple dashed lines joining	38°15.39'S 144°42.88'E 38°16.06'S 144°42.54'E 38°17.79'S 144°43.09'E 38°17.85'S 144°43.29'E
		joining	38°15.39'S 144°42.58'E 38°15.70'S 144°42.35'E 38°16.53'S 144°39.55'E 38°18.61'S 144°35.68'E 38°19.65'S 144°37.12'E 38°18.16'S 144°38.82'E 38°18.00'S 144°42.31'E 38°18.52'S 144°43.29'E
		Legends "Anchoring Prohibited"	38°18.80'S 144°37.30'E 38°17.00'S 144°41.00'E

75171 19Ed. 1/15/83 LAST NM 40/87 (26(318)87 Sydney) 42/87

	(And Plan)	
Delete	Depths 11.4 meters	38°17.9'S 144°40.6'E
	11.9 meters	38°17.7'S 144°41.1'E
	(See 8/87-75171)	

75171 19Ed. 1/15/83 LAST NM 42/87 (25(305)87 Sydney) 47/87

	(And Plan)	
Change	Light to F, Oc 15s 40m 14M	38°16.38'S 144°39.63'E
	(See 11/83, 40/87-75171)	

75171 19Ed. 1/15/83 LAST NM 47/87 (37(458)87 Sydney) 49/87

Delete	Light	37°55.9'S 144°44.8'E
Add	Light 2 FR (vert)	37°56.02'S 144°44.95'E

75171 19Ed. 1/15/83 LAST NM 49/87 (48(602)87 Sydney) 6/88

Delete	Depth 2.4 meters	38°16.6'S 144°41.9'E
	(And Plan)	
Add	Depths 0.8 meter	38°16.66'S 144°41.92'E
	2.2 meters	38°16.73'S 144°42.43'E
	(Plan)	
Delete	Depths 5.8 meters	38°16.6'S 144°42.3'E
	1.2 meters	38°16.7'S 144°41.9'E
	(See 11/83-75171)	
Add	Depth 3.2 meters	38°16.69'S 144°42.34'E
	Position circles with legend "Bn"	38°16.54'S 144°42.38'E 38°16.61'S 144°42.05'E
	"Historic Wreck (see Note)" area bound by purple composite-line circle, radius 0.05 mile, centered	38°16.43'S 144°42.31'E

75171	19Ed. 1/15/83 LAST NM 6/88		(8(132)88 Sydney) 24/88
	Delete	Depths 5.8 meters	38°18.9'S 144°49.9'E
		8.2 meters	38°18.5'S 144°46.9'E
	Add	Depths 2 meters	38°18.44'S 144°46.81'E
		1.7 meters	38°19.33'S 144°47.71'E
		4.8 meters	38°19.49'S 144°48.16'E
		2.3 meters	38°19.02'S 144°49.89'E
		1.7 meters	38°19.81'S 144°53.79'E
		(And Plan)	
	Add	Depth 5.3 meters	38°16.16'S 144°42.12'E
		(Plan)	
	Delete	Depths 6 meters	38°16.17'S 144°42.08'E
		5.8 meters	38°16.11'S 144°41.91'E
		Buoy	38°16.11'S 144°40.43'E
		(See 11/83, 40/87-75171)	
	Add	Depths 5.3 meters	38°16.16'S 144°41.93'E
		1.4 meters	38°16.26'S 144°40.11'E
		(See 11/83-75171)	
		Position circle "Pile"	38°16.00'S 144°40.47'E
		Light to buoys Fl G	38°16.02'S 144°40.37'E
		Fl R	38°16.08'S 144°40.39'E
75171	19Ed. 1/15/83 LAST NM 24/88		(14(221)88 Sydney) 33/88
	Substitute	Beacon, white for light and delete legend "South Channel Pile"	38°19.9'S 144°51.1'E
	Change	Legend "Leading lights 107°30'" to "Eastern light 107°30'"	38°18.9'S 144°47.6'E
		(Plan)	
	Substitute	Beacon Y, "X" topmark for position circle "Bn"	38°16.54'S 144°42.38'E
		(See 6/88-75171)	
75171	19Ed. 1/15/83 LAST NM 33/88		(23(348)88 Sydney) 40/88
	Relocate	Light close SSW to	38°16.61'S 144°42.05'E
		(Plan)	
	Substitute	Position circle "Bn" for light	38°16.56'S 144°42.08'E
		Light Fl 3½s 9m 10M for position circle "Bn"	38°16.61'S 144°42.05'E
		(See 6/88-75171)	
75171	19Ed. 1/15/83 LAST NM 40/88		(29(434)88 Sydney) 44/88
	Delete	Depth 2.4 meters	38°19.6'S 144°44.6'E
	Add	Depth 2.2 meters	38°19.71'S 144°44.49'E
		(And Plan)	
	Add	Depth 14 meters Wk	38°17.72'S 144°40.36'E
		(Plan)	
	Delete	Depth 18.3 meters Wk	38°17.5'S 144°40.2'E
	Add	Depths 14.9 meters	38°17.10'S 144°40.17'E
		14.7 meters	38°17.39'S 144°40.45'E
		14.6 meters	38°17.81'S 144°39.69'E
		9.2 meters	38°17.89'S 144°39.91'E
		6.1 meters	38°18.11'S 144°39.90'E
75171	19Ed. 1/15/83 LAST NM 44/88		(38(528)88 Sydney) 53/88
	Delete	Depth 1.2 meters	37°57.6'S 144°59.4'E
		Buoys	37°57.6'S 144°59.2'E 38°13.5'S 145°01.4'E
	Add	Beacons (minor)	37°57.55'S 144°59.28'E
		G, cone topmark	38°13.50'S 145°01.50'E
		BRB, double ball topmark	
		(Plan)	
	Delete	Buoy	38°19.1'S 144°43.1'E

75171 19Ed. 1/15/83 LAST NM 53/88

Add — "Historic Wreck (see Note)" areas bound by purple composite-line circle, radius 0.25 mile, centered — (7(136)89 Sydney) 19/89

38°19.00'S 144°21.73'E
38°18.13'S 144°29.06'E
38°17.45'S 144°35.65'E
38°17.70'S 144°36.03'E
38°17.82'S 144°36.82'E
38°19.95'S 144°41.30'E

Add — (Plan) "Historic Wreck (see Note)" areas bound by purple composite-line circle, radius 0.05 mile, centered

38°17.70'S 144°36.03'E
38°17.82'S 144°36.82'E
38°19.95'S 144°41.30'E

★75172 5Ed. 4/16/83 NEW EDITION

Change — Color of buoy to YBY — (DMAHTC) 24/83

38°23.20'S 145°14.70'E

75172 5Ed. 4/16/83 LAST NM 24/83

Delete — Position circles "FLAGSTAFF (conspic)" — (40(658)83 Sydney) 49/83
"Bn W"
"COOLART TR (conspic)"
"Bn R"
"Bn"

38°27.69'S 145°14.01'E
38°27.20'S 145°12.00'E
38°23.32'S 145°08.32'E
38°19.65'S 145°12.70'E
38°17.21'S 145°13.31'E

Add — Position circles "Bn W"
"Bn W"
"WATER TR"

38°31.03'S 145°07.49'E
38°27.29'S 145°11.82'E
38°23.54'S 145°10.69'E

75172 5Ed. 4/16/83 LAST NM 49/83

(Plan C) — (39(690)84 Sydr[illegible]/84

Distances and bearings from rear range light in NW quadrant of plan

Delete — Note (Tide Signals), 640 meters 202°

Change — Light to FG, 530 meters 124° and delete legend "(Tide Signal, see Note)"

75172 5Ed. 4/16/83 LAST NM 52/84

Delete — Bn — (44(657)85 Sydney) 51/85

38°26.95'S 145°14.50'E

75172 5Ed. 4/16/83 LAST NM 51/85

Delete — Buoys "No. 3" — (48(711)85 Sydney) 4/86
"No. 4"
"No. 9"
"No. 10"

38°28.80'S 145°07.80'E
38°28.70'S 145°07.60'E
38°27.00'S 145°10.90'E
38°26.80'S 145°10.60'E

Dashed line (channel limit) between

38°27.34'S 145°09.32'E
38°28.68'S 145°07.60'E

Relocate — Buoys "5" close SW to
"6" close SW
"11" close SW
"12" close SW

38°28.52'S 145°08.26'E
38°28.37'S 145°08.04'E
38°26.78'S 145°11.48'E
38°26.57'S 145°11.19'E

Add — Dashed line (channel limit) joining

38°28.69'S 145°07.58'E
38°28.37'S 145°08.04'E
38°27.34'S 145°09.32'E

75172 5Ed. 4/16/83 LAST NM 4/86

(And Plan C) — (5(115)86 Sydney) 13/86

Delete — Dashed line between

38°17.88'S 145°13.80'E
38°18.38'S 145°13.89'E

Purple dashed line joining

38°17.88'S 145°13.81'E
38°18.38'S 145°13.90'E
38°18.39'S 145°14.05'E

Add — Dashed line between

38°17.88'S 145°13.80'E
38°18.39'S 145°14.05'E

Purple dashed line between

38°17.88'S 145°13.80'E
38°18.39'S 145°14.05'E

75172	5Ed. 4/16/83 LAST NM 15/86		(19(334)86 Sydney) 36/86
	Add	R Bn (AERO)	38°31.12'S 145°13.17'E
75172	5Ed. 4/16/83 LAST NM 36/86		(9(109)87 Sydney) 18/87
	Add	Sectors green 339°12'-342°12', white-346°12', red-349°12' to directional light	38°17.60'N 145°13.67'E
		(Plan D) Distance and bearing from dolphin in NE quadrant of plan	
	Change	Sectors of directional light to green 339°12'-342°12', white-346°12', red-349°12', 240 meters 204°	
75172	5Ed. 4/16/83 LAST NM 18/87		(38(469)87 Sydney) 49/87
	Delete	Legend "PLAN D"	38°17.7'S 145°13.8'E
	Relocate	Legend "PLAN C" close WSW to	38°18'52"S 145°13'12"E
	Substitute	Chartlet, depicting changes in hydrography and topography, from back of Section I for Plans C & D	
		(A)	38°20'33"S 145°03'44"E
		(B)	38°23'18"S 145°03'44"E
	Add	Purple solid line (plan limits) joining	38°17'23"S 145°14'10"E
			38°18'57"S 145°14'10"E
			38°18'57"S 145°13'00"E
			38°17'23"S 145°13'00"E
			38°17'23"S 145°14'10"E
75172	5Ed. 4/16/83 LAST NM 49/87		(44(552)87 Sydney) 1/88
	Change	Bn (minor) to R. can topmark	38°17.4'S 145°16.8'E
	Add	Dashed line between	38°29.30'S 145°01.80'E
			38°31.18'S 145°06.90'E
		Legend "Port Limits"	38°30.30'S 145°04.60'E
75172	5Ed. 4/16/83 LAST NM 1/88		(47(592)87 Sydney) 6/88
		(And Plan A)	
	Change	Light to Fl 8s 5m 3M	38°23.33'S 145°13.89'E
75172	5Ed. 4/16/83 LAST NM 6/88		(1(42)88 Sydney) 14/88
		(And Plan A)	
	Change	Light to Fl G 8s 5m 3M (Supersedes 6/88-75172)	38°23.33'S 145°13.89'E
75172	5Ed. 4/16/83 LAST NM 14/88		(28(422)88 Sydney) 44/88
	Add	Beacon "No 2" R. can topmark. Fl R 2s	38°19.64'S 145°13.13'E
		Depth 3.8 meters	38°19.69'S 145°13.31'E
75172	5Ed. 4/16/83 LAST NM 44/88		(40(558)88 Sydney) 53/88
	Delete	Light	38°15.54'S 145°15.69'E
	Add	Light Fl R 3s 3m 1M	38°15.80'S 145°15.52'E
★75173	7Ed. 5/26/84	NEW EDITION	(DMAHTC; 2(41)83, 19(326)84 Sydney) 29/84
	Delete	Racon from light	38°11'37"S 144°45'22"E
	Change	Buoy "16" to R, can, can topmark, Fl(2) R 5s	38°19'49"S 144°52'26"E
75173	7Ed. 5/26/84 LAST NM 29/84		(8(122)85 Sydney) 18/85
	Delete	Light	38°21'14"S 144°54'15"E
75173	7Ed. 5/26/84 LAST NM 18/85		(15(216)85 Sydney) 28/85
	Delete	Light "Hovell Pile" (Fl Y 10s 7m 3M)	38°19'41"S 144°53'48"E
75173	7Ed. 5/26/84 LAST NM 28/85		(37(575)85 Sydney) 46/85
	Relocate	Buoy "4" close N to	38°17'58"S 144°44'15"E
75173	7Ed. 5/26/84 LAST NM 46/85		(49(721, 722)85 Sydney) 11/86
	Add	Light VQ(6) + L Fl 10s to buoy	38°17.25'S 144°41.35'E

(Continued on next page)

75173	(Continued) Add	Buoy Y, pillar, "X" topmark, Fl(4) Y 15s	11/86 38°18.40'S 144°58.23'E
75173	7Ed. 5/26/84 LAST NM 11/86 Delete	Dangerous wreck "Rep (1983)"	(10(185, 188)86 Sydney) 16/86 38°15.3'S 144°53.0'E
	Add	Beacon (minor) Y, "X" topmark Fl(4) Y 15s	38°12.20'S 144°43.35'E
		"Historic Wreck (see note)" area bound by purple composite line circle, radius 0.10 mile, centered	38°12.20'S 144°43.35'E
		Note "HISTORIC WRECK The site of an historic wreck is protected from unauthorized interference."	38°11.30'S 144°41.00'E
75173	7Ed. 5/26/84 LAST NM 16/86 Change	Sectors of light to white 266°-272°, red-325°, white-069°, red-110°, obsc-266°	(8(158)86 Sydney) 17/86 38°17.62'S 144°36.79'E
		Sectors of light to red 164°-034°, white-164°	38°16.63'S 144°41.85'E
		Sectors of light to red 241°-252°, white-260°, green-267°, red-302°, white-351°, red-032°, obsc-241°	38°16.50'S 144°39.48'E
75173	7Ed. 5/26/84 LAST NM 17/86 Change	Sectors of light to red 241°-252°, white-260°, green-267°, red-302°, white-351°, red-032°, white-046°, obsc-241° (See 17/86-75173)	(13(158)86 Sydney) 22/86 38°16.50'S 144°39.48'E
75173	7Ed. 5/26/84 LAST NM 22/86 Change	Legend "Marcus Hill Beacon" to "Marcus Hill Column"	(15(171)86 Sydney) 25/86 38°14'33"S 144°36'49"E
		Legend "Beacons in line 339°22'" to "Column and beacon in line 339°22'"	38°20'12"S 144°39'18"E
75173	7Ed. 5/26/84 LAST NM 25/86 Add	Position circle (accurate) "Tide gauge"	(42(607)86 Sydney) 51/86 38°17.41'S 144°43.59'E
		Legends "Tide gauge" "Tidal Heights (see Note) "Tidal Heights (see Note)	38°19.65'S 144°51.85'E 38°17.40'S 144°56.00'E 38°22.00'S 144°36.55'E
		Note "TIDAL HEIGHTS Tidal heights for South Channel are transmitted every 15 minutes to Point Lonsdale Signal Station, who can be contacted on VHF Ch 12 for the last height recorded."	38°21.70'S 144°57.10'E
75173	7Ed. 5/26/84 LAST NM 51/86 Add	Depths 11.4 meters 11.9 meters	(49(678)86 Sydney) 8/87 38°17.84'S 144°40.68'E 38°17.70'S 144°41.10'E
75173	7Ed. 5/26/84 LAST NM 8/87 Delete	Buoy	(50(692 para 1, 2)86 Sydney) 11/87 38°20.2'S 144°50.8'E
	Add	Buoy, BYB, pillar, double cone topmark bases together	38°20.33'S 144°50.65'E
75173	7Ed. 5/26/84 LAST NM 11/87 Delete	Light	(BA LL) 17/87 38°16.0'S 144°40.3'E

75173	7Ed. 5/26/84 LAST NM 17/87		(25(305)87 Sydney) 40/87
	Delete	Depths 4.2 meters	38°16.1'S 144°42.1'E
		6.4 meters	38°16.3'S 144°42.8'E
		7 meters	38°17.1'S 144°41.5'E
		9.4 meters	38°17.3'S 144°41.8'E
		6.4 meters	38°18.9'S 144°44.1'E
		Dotted lines (sector limits) between	38°17.9'S 144°38.4'E 38°19.0'S 144°37.5'E
		between	38°18.3'S 144°39.1'E 38°19.5'S 144°38.8'E
		Dotted line and legends "Low Light Red" and "Low Light Obsc" between	38°19.1'S 144°39.8'E 38°18.7'S 144°37.8'E
	Relocate	Buoy "Deep Draught" close S to and delete topmark	38°18'08.0"S 144°42'59.6"E
	Change	Light to F, Oc 15s 40m 14M	38°16.4'S 144°39.7'E
	Add	Bn	38°16'30"S 144°43'00"E
		Depths 4.7 meters	38°18'53"S 144°44'09"E
		6.5 meters	38°18'52"S 144°43'48"E
		7.6 meters	38°18'38"S 144°42'40"E
		8.6 meters	38°18'37"S 144°42'18"E
		8.4 meters	38°17'16"S 144°41'45"E
		5.8 meters	38°17'09"S 144°41'29"E
		4.2 meters	38°16'28"S 144°42'39"E
		1.9 meters	38°16'27"S 144°43'06"E
		6 meters	38°16'10"S 144°42'05"E
		Purple dashed line joining	38°19'56"S 144°51'04"E 38°18'54"S 144°46'12"E 38°18'38"S 144°43'35"E 38°17'58"S 144°42'19"E 38°18'08"S 144°38'50"E 38°19'37"S 144°37'08"E 38°18'45"S 144°35'54"E
		joining	38°18'28"S 144°35'54"E 38°16'35"S 144°39'33"E 38°15'40"S 144°42'21"E 38°14'52"S 144°42'56"E 38°13'59"S 144°43'26"E 38°13'36"S 144°43'38"E 38°12'09"S 144°44'36"E 38°11'38"S 144°45'21"E 38°12'00"S 144°45'51"E 38°12'13"S 144°45'12"E 38°12'35"S 144°44'44"E 38°13'06"S 144°44'18"E 38°13'58"S 144°43'39"E 38°14'52"S 144°43'09"E 38°16'02"S 144°42'34"E 38°17'45"S 144°43'06"E 38°18'24"S 144°46'27"E 38°18'50"S 144°48'23"E 38°19'09"S 144°49'33"E 38°19'28"S 144°50'39"E 38°19'42"S 144°51'31"E
		Legends "Anchoring Prohibited"	38°12'39"S 144°44'30"E 38°17'15"S 144°40'27"E 38°18'38"S 144°46'00"E 38°18'42"S 144°37'00"E
75173	7Ed. 5/26/84 LAST NM 40/87		(26(318)87 Sydney) 42/87
	Delete	Depths 11.9 meters	38°17.7'S 144°41.1'E
		11.4 meters	38°17.8'S 144°40.7'E
		(See 8/87-75173)	
75173	7Ed. 5/26/84 LAST NM 42/87		(37(457)87 Sydney) 49/87
	Delete	Legend "Landing Prohibited"	38°18.5'S 144°48.4'E
75173	7Ed. 5/26/84 LAST NM 49/87		(48(602)87 Sydney) 6/88
	Delete	Depths 5.8 meters	38°16.6'S 144°42.4'E
		2.4 meters	38°16.6'S 144°41.9'E

(continued on next page)

75173 (Continued)

Add

Depths 0.8 meter		6/88
3.2 meters		38°16′40″S 144°41′55″E
2.2 meters		38°16′41″S 144°42′19″E
		38°16′44″S 144°42′26″E
Bns		38°16′32″S 144°42′23″E
		38°16′37″S 144°42′03″E
"Historic Wreck (see Note)" area bound by purple composite-line circle, radius 0.10 mile, centered		38°16′26″S 144°42′18″E

75173 7Ed. 5/26/84 LAST NM 6/88

Delete

Depths 5.5 meters		(8(132)88 Sydney) 24/88
7.6 meters		38°19′35″S 144°51′21″E
5.8 meters		38°19′13″S 144°50′00″E
5.8 meters		38°18′55″S 144°50′00″E
2.7 meters		38°19′31″S 144°48′09″E
8.2 meters		38°19′25″S 144°47′42″E
15.2 meters		38°18′27″S 144°47′00″E
6 meters		38°18′50″S 144°45′22″E
(See 40/87-75173)		38°16′10″S 144°42′05″E

Add

Depths 1.7 meters	38°19′49″S 144°53′47″E
5 meters	38°19′55″S 144°50′20″E
1.8 meters	38°19′27″S 144°51′03″E
1.9 meters	38°19′37″S 144°51′36″E
2.2 meters	38°19′33″S 144°51′17″E
2.3 meters	38°19′01″S 144°49′53″E
4.8 meters	38°19′15″S 144°49′59″E
1.7 meters	38°19′20″S 144°47′43″E
4.8 meters	38°19′29″S 144°48′09″E
2.5 meters	38°18′27″S 144°47′02″E
2 meters	38°18′26″S 144°46′49″E
2.3 meters	38°18′54″S 144°45′20″E
5.3 meters	38°16′10″S 144°41′56″E
5.3 meters	38°16′10″S 144°42′07″E
1.4 meters	38°16′15″S 144°40′06″E

75173 7Ed. 5/26/84 LAST NM 24/88

Substitute

Beacon, white, for light	(14(221)88 Sydney) 33/88
and delete legend "South Channel Pile"	38°19′50″S 144°51′06″E

Change

Legend "Lights in line 107°30′" to "Eastern Light 107°30′"	38°18′48″S 144°47′08″E
Bn to beacon (minor) Y, "X" topmark	
(See 6/88-75173)	38°16′32″S 144°42′23″E

75173 7Ed. 5/26/84 LAST NM 33/88

Substitute

Bn for light	(23(348)88 Sydney; BA LL) 40/88
Light Fl $3\frac{1}{2}$s 9m 10M for Bn	38°16′32″S 144°42′07″E
(See 6/88-75173)	38°16′37″S 144°42′03″E

75173 7Ed. 5/26/84 LAST NM 40/88

Delete

Depths 18.3 meters Wk	(29(434)88 Sydney) 44/88
2.4 meters	38°17′29″S 144°40′14″E
	38°19′43″S 144°44′33″E

Add

Depths 14.9 meters	38°17′06″S 144°40′10″E
14.7 meters	38°17′23″S 144°40′27″E
14 meters Wk	38°17′43″S 144°40′22″E
14.6 meters	38°17′49″S 144°39′41″E
9.2 meters	38°17′53″S 144°39′55″E
6.1 meters	38°18′07″S 144°39′54″E
2.2 meters	38°19′43″S 144°44′29″E

75173 7Ed. 5/26/84 LAST NM 44/88

Delete

Depth 5.9 meters	(31(468)88 Sydney) 48/88
	38°14′44″S 144°43′08″E

Add

Depth 5.4 meters	38°14′40″S 144°43′11″E

75173 7Ed. 5/26/84 LAST NM 48/88

Add

"Historic Wreck (see Note)" areas bound by purple composite-line circle, radius 0.1 mile, centered	(7(136)89 Sydney) 19/89
	38°17′39″S 144°36′04″E
	38°17′46″S 144°36′51″E
	38°19′54″S 144°41′20″E

★75175	8Ed. 8/24/85	NEW EDITION	(DMAHTC; 35(551), 37(576)85 Sydney) 47/85
	Delete	Purple dashed line joining	37°52'17.0"S 144°55'21.0"E
			37°52'17.0"S 144°54'56.0"E
			37°52'05.8"S 144°54'56.0"E
			37°52'06.8"S 144°54'42.5"E
		Legend "Prohibited Anchorage"	37°52'07.0"S 144°55'04.5"E
	Relocate	Lights "37" close SE to	37°49'51.4"S 144°53'55.3"E
		"39" close S	37°49'45.1"S 144°53'59.9"E
	Add	Purple dashed lines	
		joining	37°52'03.6"S 144°54'46.9"E
			37°52'34.5"S 144°54'46.9"E
			37°52'34.5"S 144°54'55.9"E
			37°52'48.0"S 144°54'55.9"E
		joining	37°51'57.0"S 144°54'59.2"E
			37°51'57.0"S 144°55'02.9"E
		thence along W limit of dredged channel to	37°52'48.0"S 144°55'32.9"E
		Legend "Prohibited Anchorage-Precautionary Area"	37°52'24.0"S 144°55'12.0"E
		Calling-in point symbols with direction pointers 147°-327°	37°51'54.0"S 144°55'06.0"E
		006°-186°	37°50'00.0"S 144°53'48.0"E
		339°	37°50'57.0"S 144°54'31.0"E
		181°	37°51'12.3"S 144°55'37.8"E
		Note "RADIO REPORTING All vessels are required to communicate with Melbourne Harbor Control when passing the points indicated. See Sailing Directions for working details."	37°50'00.0"S 144°55'25.0"E
75175	8Ed. 8/24/85 LAST NM 47/85		(45(576)85 Sydney) 1/86
	Delete	Calling-in point symbol and direction pointer 181° (See 47/85-75175)	37°51'12.3"S 144°55'37.8"E
	Add	Calling-in point symbol with direction pointer 181°	37°51'30.0"S 144°55'37.8"E
75175	8Ed. 8/24/85 LAST NM 1/86		(49(723)85 Sydney) 11/86
	Delete	Calling-in point symbol with direction pointer 181° (See 1/86-75175)	37°51'30.0"S 144°55'37.8"E
	Add	Calling-in point symbol with direction pointer 181°	37°51.05'S 144°55.63'E
75175	8Ed. 8/24/85 LAST NM 11/86		(35(551)85 Sydney) 23/86
	Add	Chartlet, depicting changes in hydrography, topography and aids to navigation, from back of Section I	37°49'48"S 144°53'51"E
75175	8Ed. 8/24/85 LAST NM 23/86		(17(301)86 Sydney) 28/86
	Delete	Bns	37°50.92'S 144°54.28'E
			37°50.81'S 144°54.16'E
	Add	Range lights, front FG 9m 1M rear FR 5m 1M, 252 meters 321° from front	37°50.92'S 144°54.28'E
		Dashed line extending in 141° direction from above rear light for 0.7 mile	
		Legend "Lts in line 321°" along above range line	37°51.18'S 144°54.56'E
75175	8Ed. 8/24/85 LAST NM 28/86		(47(661)86 Sydney) 5/87
	Delete	Light	37°50.6'S 144°55.7'E
		Light and sectors	37°52.1'S 144°54.7'E

(Continued on next page)

75175 (Continued)
Change — Light to Oc Bu 6s 24m 14M, Dir F WRG 21m 15M — 5/87

37°50.3'S 144°55.7'E

Legend "Leading lights 001°30'" to "Dir Lt 001°30'"

37°52.6'S 144°55.6'E

75175 8Ed. 8/24/85 LAST NM 5/87
Relocate — Buoy "Gellibrand Shoal" close S to — (Aus CH 155) 6/87

37°52'45"S 144°54'47"E

75175 8Ed. 8/24/85 LAST NM 6/87
Change — Legend to "Maintained depth 9.0 meters" — (51(707)86 Sydney) 11/87

37°49.2'S 144°54.3'E

75175 8Ed. 8/24/85 LAST NM 11/87
Add — Position circles "Bn" (range beacons) — (8(100)87 Sydney) 17/87

Front — 37°50.936'S 144°54.235'E
Middle — 37°50.755'S 144°54.074'E
Rear — 37°50.612'S 144°53.946'E

Range line extending in 144°49' direction from above rear beacon dashed for 1300 meters, thence solid for 2840 meters — 37°50.612'S 144°53.946'E

Legend "Leading Bns 324°49'" along above range line

37°52.330'S 144°55.480'E

75175 8Ed. 8/24/85 LAST NM 17/87
Delete — Range lights, range line and legend "Leading lights 338°43'" between — (29(435)88 Sydney) 44/88

37°50'08"S 144°54'04"E
37°51'16"S 144°54'37"E

75175 8Ed. 8/24/85 LAST NM 44/88
Change — Legends "11.8m" to "11.2m" — (44(620)88 Sydney) 5/89

"11.8m" to "11.2m" — 37°51.95'S 144°54.94'E
"9.8m" to "10.0m" — 37°51.86'S 144°54.85'E
37°49.13'S 144°54.30'E

Add — Legend "8.0m" — 37°49.338'S 144°56.224'E

75175 8Ed. 8/24/85 LAST NM 5/89
Delete — Dashed line between — (1(43)89 Sydney) 12/89

37°51.08'S 144°54.48'E
37°51.12'S 144°54.46'E

Legend "Maintained depth 11.2 meters" — 37°50.93'S 144°54.52'E

Add — Dashed lines (dredged limits) joining — 37°51.076'S 144°54.486'E
37°51.122'S 144°54.453'E
37°51.143'S 144°54.430'E

between — 37°50.884'S 144°54.525'E
37°50.938'S 144°54.408'E

Legends
"Maintained depth 11.2 meters" — 37°50.840'S 144°54.430'E
"Maintained depth 12.5 meters" — 37°51.130'S 144°54.590'E

75175 8Ed. 8/24/85 LAST NM 12/89
Delete — Light — (7(137)89 Sydney) 19/89

37°50.69'S 144°55.88'E

★75176 6Ed. 11/3/84
Change — NEW EDITION — (DMAHTC) 3/85

Note to "BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."

38°09'28"S 144°36'54"E

75176 6Ed. 11/3/84 LAST NM 3/85
Change — Legend to "Dredged to 36ft" — (3(53)85 Sydney) 12/85

38°07'19"S 144°27'00"E

Relocate — Berth designation "1" 600 yards ENE to

38°07'45"S 144°26'25"E

75176 6Ed. 11/3/84 LAST NM 12/85
Change — Period of lights, each to 5s — (12(168)85 Sydney) 25/85

"No. 2" — 38°07'22.0"S 144°27'06.0"E
"No. 4" — 38°07'31.0"S 144°26'49.5"E
"No. 6" — 38°07'42.4"S 144°26'43.6"E

(continued on next page)

			25/85
75176	(Continued) Add	Range lights, front FR 6m 1M rear FR 7m 1M, 159 meters 233°44' from front	38°07'45.5"S 144°26'18.0"E
		Dashed line extending in 053°44' direction for 1600 meters from above rear light with legend "Lights in line 233°44'" Note: Marks limit 2.8 meters off the N bank of the channel	
			(26(394)85 Sydney) 32/85
75176	6Ed. 11/3/84 LAST NM 25/85 Delete	Light, position circle and legend "Wave Recorder"	38°08'40"S 144°22'10"E
		Submarine cable between	38°08'40"S 144°22'10"E 38°08'39"S 144°22'03"E
		(Plan A)	
	Delete	Submarine cable between	38°08'39.5"S 144°22'08.2"E 38°08'39.1"S 144°22'02.1"E
			(35(549)85 Sydney) 43/85
75176	6Ed. 11/3/84 LAST NM 32/85 Add	Buoy G, conical	38°07'18"S 114°27'03"E
			(35(549)85 Sydney) 47/85
75176	6Ed. 11/3/84 LAST NM 43/85 Add	Buoy, G, conical (Cancels 43/85-75176)	38°07'18"S 144°27'03"E
			(2(54)86 Sydney) 33/86
75176	6Ed. 11/3/84 LAST NM 47/85 Relocate	Buoy close E to	38°05'46"S 144°32'33"E
			(37(549)86 Sydney) 45/86
75176	6Ed. 11/3/84 LAST NM 33/86 Delete	Position circles "Pile"	38°08'40"S 144°23'52"E 38°08'14"S 144°24'16"E
		Spoil ground area centered	38°08'17"S 144°23'56"E
	Add	"Spoil Ground" area with blue tint bound by dashed line joining	38°07'49.0"S 144°23'48.2"E 38°08'21.2"S 144°23'16.8"E 38°08'40.6"S 144°23'47.8"E 38°08'09.1"S 144°24'19.4"E
		and delete depths within above area	
			(42(586)88 Sydney) 5/89
75176	6Ed. 11/3/84 LAST NM 45/86 Delete	Legend "Being reclaimed"	38°06'44"S 144°22'04"E
		Dashed line joining	38°04'45"S 144°22'09"E 38°06'43"S 144°22'17"E 38°06'34"S 144°22'25"E
	Change	Legends to "Dredged to 36ft (1988)"	38°06'28"S 144°22'33"E 38°05'46"S 144°23'10"E
	Add	Dashed lines (dredged limits) joining	38°06'45.4"S 144°22'08.5"E 38°06'42.2"S 144°22'10.0"E 38°06'31.0"S 144°22'02.2"E 38°06'26.6"S 144°21'44.0"E 38°06'23.2"S 144°21'44.5"E
		between	38°06'24.8"S 144°21'59.0"E 38°06'34.0"S 144°22'25.0"E
		(Plan B)	
	Delete	Legends "Dredged to 32ft"	38°06'30"S 144°22'00"E 38°06'38"S 144°22'09"E
	Change	Legend to "Dredged to 32ft (1963)"	38°06'24"S 144°22'10"E
	Add	Dashed lines (dredged limits) joining	38°06'40.0"S 144°22'08.7"E 38°06'31.1"S 144°22'02.3"E 38°06'26.6"S 144°21'43.1"E 38°06'23.3"S 144°21'43.8"E
		between	38°06'25.0"S 144°21'58.1"E 38°06'27.6"S 144°22'14.0"E

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75176 (Continued)

Add	Legends "Dredged to 36ft (1988)"		5/89
	"Dredged to 32ft (1963)"		38°06′29.0″S 144°22′06.0″E 38°06′32.0″S 144°21′59.0″E
	(Plan C)		
Change	Legends to "Dredged to 36ft (1988)"		38°05′32″S 144°23′32″E 38°05′42″S 144°23′13″E 38°05′53″S 144°23′04″E

75176 6Ed. 11/3/84 LAST NM 5/89

Delete	Light "No 13"	(11(189)89 Sydney) 22/89 38°07′31″S 144°23′21″E
Relocate	Light "No 16" close WSW to	38°07′35.0″S 144°23′21.0″E
Change	Designation of lights "No 15" to "No 13" "No 17" to "No 15"	38°07′32″S 144°22′51″E 38°07′26″S 144°22′23″E

★75177 6Ed. 12/19/87 NEW EDITION (DMAHTC) 11/88

75177 6Ed. 12/19/87 LAST NM 11/88

Delete	Light	(15(237, 238)88 Sydney) 33/88 37°58.51′S 144°41.29′E
Change	Lights to FG 5m 3M FR 12m 3M	37°58.47′S 144°41.13′E 38°00.88′S 145°04.90′E
Add	Depth 15.2 meters	38°00.860′S 144°46.390′E
	Beacons (minor) Y, "X" topmark	37°55.850′S 144°47.167′E 37°55.783′S 144°47.650′E 37°55.400′S 144°47.967′E

75177 6Ed. 12/19/87 LAST NM 33/88

Delete	Buoys	(38(528)88 Sydney) 53/88 37°57.50′S 144°59.17′E 37°59.56′S 145°02.70′E
Substitute	Beacon (minor) R, can topmark for buoy	37°52.47′S 144°50.87′E
Add	Beacons (minor) G, cone topmark	37°57.55′S 144°59.28′E
	YBY, double cone topmark points together	37°59.53′S 145°02.68′E

75177 6Ed. 12/19/87 LAST NM 53/88

Add	"FIRING DANGER AREA" bound by shore and purple dashed line joining	(10(176)89 Sydney) 22/89 37°56.62′S 144°44.20′E 37°56.86′S 144°44.07′E 37°57.62′S 144°43.94′E 37°57.67′S 144°44.44′E 37°56.92′S 144°44.68′E 37°56.46′S 144°44.62′E

★75180 1Ed. 11/10/84 NEW CHART

Add	Depth 21 fathoms (unexamined)	(DMAHTC; 9(161)84 Sydney) 15/85 40°28.10′S 144°13.65′E

75180 1Ed. 11/10/84 LAST NM 15/85

Change	Visibility (range) of light to 16M	(7(144)86 Sydney) 15/86 42°59.3′S 145°29.8′E

75180 1Ed. 11/10/84 LAST NM 15/86

Delete	Light	(27(325)87 Sydney) 42/87 40°51.5′S 145°30.6′E
Add	Light Fl 10s 210ft 17M	40°51.35′S 145°30.40′E

75180 1Ed. 11/10/84 LAST NM 42/87

Change	Light to Fl WR 2s 34ft 10/8M	(30(359)87 Sydney) 44/87 42°12.6′S 145°13.0′E

75180 1Ed. 11/10/84 LAST NM 44/87

Change	Visibility (range) of light to 14M	(39(543)88 Sydney) 53/88 42°12.0′S 145°10.2′E

75180 1Ed. 11/10/84 LAST NM 53/88

Change	Visibility (range) of light to 16M	(9(164)89 Sydney) 19/89 41°01.2′S 144°37.2′E

★75185	1Ed. 1/26/85	NEW CHART	(DMAHTC; 19(329)84 Sydney) 20/85
	Add	Legend "(Unexam)" to depths 33 fathoms	43°35.7'S 147°01.8'E
		24 fathoms	43°35.7'S 147°15.8'E
		22 fathoms	43°15.6'S 147°29.9'E
		39 fathoms	43°12.4'S 148°03.0'E
		39 fathoms	43°05.4'S 148°02.1'E
		39 fathoms	43°03.7'S 147°59.4'E
		35 fathoms	43°00.6'S 147°59.0'E
75185	1Ed. 1/26/85 LAST NM 20/85		(7(144)86 Sydney) 15/86
	Change	Visibility (range) of light to 16M	42°59.3'S 145°29.8'E
75185	1Ed. 1/26/85 LAST NM 15/86		(17(302)86 Sydney) 26/86
	Delete	Depth 35 fathoms	43°35.9'S 146°09.5'E
	Add	Depths 26 fathoms "Rep (1958)"	43°36.1'S 146°09.5'E
		17 fathoms "Rep (1958)"	43°36.2'S 146°15.3'E
		6 fathoms "Rep (1958)"	43°37.0'S 146°19.1'E
75185	1Ed. 1/26/85 LAST NM 26/86		(2(41)87 Sydney) 11/87
	Change	Characteristic of light to Fl WR 6s and add sectors white 348°-186°, obsc-210°, red-224°	43°25.2'S 147°05.5'E
75185	1Ed. 1/26/85 LAST NM 11/87		(44(553)87 Sydney) 1/88
	Change	Characteristic of light to Fl 10s	43°29.5'S 147°08.5'E
75185	1Ed. 1/26/85 LAST NM 1/88		(2(61)88 Sydney) 14/88
	Change	Characteristic of light to Q(3) 9s	43°03.6'S 147°24.7'E
75185	1Ed. 1/26/85 LAST NM 14/88		(47(665)88 Sydney) 5/89
	Change	Characteristic of light to Fl(3) 10s (Supersedes 14/88-75185)	43°03.6'S 147°24.9'E

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★75190	1Ed. 2/2/85	NEW CHART	(DMAHTC; 19(329)84 Sydney) 20/85
	Substitute	Depths, 22 fathoms "(unexam)" for 212 fathoms	43°15.6'S 147°29.9'E
		35 fathoms "(unexam)" for 315 fathoms	43°00.6'S 147°59.0'E
	Add	Legend "(unexam)" to depths 39 fathoms	43°12.4'S 148°03.1'E
		39 fathoms	43°05.4'S 148°02.2'E
		39 fathoms	43°03.7'S 147°59.4'E
75190	1Ed. 2/2/85 LAST NM 20/85		(20(314)85 Sydney) 29/85
	Delete	Buoy	41°18.6'S 148°26.7'E
	Add	Buoy, yellow spar, Q	41°17.7'S 148°24.8'E
75190	1Ed. 2/2/85 LAST NM 29/85		(44(628)86 Sydney) 1/87
	Add	Dangerous submerged rock "Rep (1986)"	41°14.7'S 148°19.1'E
75190	1Ed. 2/2/85 LAST NM 1/87		(21(265)87 Sydney) 31/87
	Change	Visibility (range) of light to 20M	42°07.4'S 148°20.8'E
75190	1Ed. 2/2/85 LAST NM 31/87		(2(61)88 Sydney) 14/88
	Change	Characteristic of light to Q(3) 9s	43°03.6'S 147°24.9'E
75190	1Ed. 2/2/85 LAST NM 14/88		(47(665)88 Sydney) 5/89
	Change	Characteristic of light to Fl(3) 10s (Supersedes 14/88-75190)	43°03.6'S 147°24.9'E

★75191	5Ed. 9/7/85	NEW EDITION	(DMAHTC) 48/85
75191	5Ed. 9/7/85 LAST NM 48/85		(2(41)87 Sydney) 11/87
	Change	Characteristic of light to Fl WR 6s and add sectors white 348°-186°, obsc-210°, red-224°	43°25.3'S 147°06.2'E
75191	5Ed. 9/7/85 LAST NM 11/87		(44(553)87 Sydney) 1/88
	Change	Characteristic of light to Fl 10s	43°29.6'S 147°09.0'E
75191	5Ed. 9/7/85 LAST NM 1/88		(2(61)88 Sydney) 14/88
	Change	Characteristic of light to Q(3) 9s	43°03.6'S 147°25.2'E
75191	5Ed. 9/7/85 LAST NM 14/88		(21(318)88 Sydney) 41/88
	Add	Light Fl(2) 10s 30ft 10M	42°56'38"S 147°38'35"E

75191	5Ed. 9/7/85 LAST NM 41/88		
	Change	Characteristic of light to Q(2) 10s (See 41/88-75191)	(26(386)88 Sydney) 44/88 42°56.6'S 147°38.6'E
75191	5Ed. 9/7/85 LAST NM 44/88		
	Change	Characteristic of light to Fl(3) 10s (Supersedes 14/88-75191)	(47(665)88 Sydney) 5/39 43°03.6'S 147°25.2'E
★**75193**	5Ed. 8/24/85	NEW EDITION	(DMAHTC; 28/85 Hobart) 48/85
	Add	Double dashed line with land tint (T-head pier) with legend "Under construction"	
		between	42°50.835'S 147°19.605'E 42°50.780'S 147°19.725'E
		between (T-head)	42°50.750'S 147°19.722'E 42°50.805'S 147°19.728'E
		(Previously published 39/85)	
	Change	Lights to Fl G 2s Fl G 4s	42°50.88'S 147°20.12'E 42°51.19'S 147°20.41'E
75193	5Ed. 8/24/85 LAST NM 48/85		
	Add	Beacon, green	(48(714)85 Sydney) 4/86 42°50.55'S 147°19.95'E
75193	5Ed. 8/24/85 LAST NM 4/86		
	Delete	Legends "Under construction" "Selfs Point Oil Jetty"	(22(333)88 Sydney) 41/88 42°50.76'S 147°19.78'E 42°50.86'S 147°19.82'E
	Substitute	Double solid lines for double dashed line between	
			42°50.835'S 147°19.605'E 42°50.780'S 147°19.725'E
		between	42°50.750'S 147°19.722'E 42°50.805'S 147°19.728'E
	Add	Legends "(disused)" "Selfs Point Oil Jetty"	42°50.880'S 147°19.700'E 42°50.770'S 147°19.800'E
		Solid lines (jetty extension) joining	42°50.805'S 147°19.728'E 42°50.823'S 147°19.727'E 42°50.843'S 147°19.732'E
		joining	42°50.750'S 147°19.722'E 42°50.725'S 147°19.714'E 42°50.701'S 147°19.717'E
75193	5Ed. 8/24/85 LAST NM 41/88		
	Change	Light to 2 FR	(31(469)88 Sydney) 48/88 42°53.21'S 147°19.88'E
	Add	Solid line (pier extension) between	42°53.21'S 147°19.88'E 42°53.21'S 147°19.91'E
		Light FY	42°53.21'S 147°19.91'E
		(Plan A) Distances and bearings from Elizabeth St Pier light (FG) in left center of plan	
	Change	Light to 2 FR (Hor), 185 meters 240°48'	
	Add	Double solid line with land tint (pier extension) 5 meters wide from position 185 meters 240°48' extending in 095° direction for 37 meters	
		Light FY, 158 meters 233°	
75193	5Ed. 8/24/85 LAST NM 48/88		
	Add	Position circle "Raft (Fl Y 5s)"	(2(61)89 Sydney) 16/89 42°51.18'S 147°20.13'E
★**75207**	1Ed. 3/14/81	NEW CHART	(DMAHTC) 20/81

75207	1Ed. 3/14/81 LAST NM 20/81		(25(372)81 Sydney; BA LL) 35/81
	Change	Light to Gp Fl(3) 30sec 43m 26M & FR 37m 10M	41°03.42'S 146°47.28'E
75207	1Ed. 3/14/81 LAST NM 35/81		(36(499)81 Sydney) 13/82
		(Plan A)	
	Add	"Anchorage Prohibited" area bound by purple dashed line joining	41°09.733'S 146°49.560'E 41°09.640'S 146°49.455'E 41°09.495'S 146°49.560'E 41°09.702'S 146°49.640'E
		thence by a purple dashed curved line joining	41°09.723'S 146°49.632'E 41°09.740'S 146°49.615'E 41°09.744'S 146°49.585'E 41°09.733'S 146°49.560'E
75207	1Ed. 3/14/81 LAST NM 13/82		(BA LL; 40(556)81 Sydney) 14/82
	Change	Note to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	41°07.4'S 146°45.3'E
	Add	Ra Ref to light	41°04.09'S 146°47.04'E
75207	1Ed. 3/14/81 LAST NM 14/82		(14(209), 31(424)82 Sydney; BA LL) 39/82
	Relocate	Light "North West Bank" close SE to	41°04.821'S 146°47.673'E
		(And Plan A)	
	Delete	Light	41°09.499'S 146°49.559'E
	Add	Position circle "Pile"	41°09.462'S 146°49.545'E
		(Plan A)	
	Delete	Purple dashed line joining	41°09.640'S 146°49.455'E 41°09.495'S 146°49.560'E 41°09.702'S 146°49.640'E
		(See 13/82-75207)	
	Add	Purple dashed line joining	41°09.640'S 146°49.455'E 41°09.462'S 146°49.545'E 41°09.702'S 146°49.640'E
75207	1Ed. 3/14/81 LAST NM 39/82		(48(694)82 Sydney) 19/83
	Relocate	Light close NW to and change to Fl R 2sec 5m 2M	41°06.14'S 146°48.11'E
75207	1Ed. 3/14/81 LAST NM 19/83		(27(458)83 Sydney) 40/83
	Add	Characteristic Fl(3) 5s and light flare symbol to light star and delete legend "Pile"	41°08.92'S 146°49.37'E
		(Plan A)	
	Change	Light to Fl(3) G 5s	41°08'55.5"S 146°49'22.2"E
75207	1Ed. 3/14/81 LAST NM 40/83		(50(831)83 Sydney) 7/84
	Relocate	Light "Yellow RK" close SW to	41°03.77'S 146°46.32'E
75207	1Ed. 3/14/81 LAST NM 7/84		(34(534)85 Sydney) 41/85
	Relocate	Light close NNW to	41°04.26'S 146°47.41'E
75207	1Ed. 3/14/81 LAST NM 41/85		(49(725)85 Sydney) 11/86
	Change	Visibility (range) of light to 6M	41°03.1'S 146°44.2'E
75207	1Ed. 3/14/81 LAST NM 11/86		(Aus CH 167) 52/87
		(And Plan B)	
	Add	Light FR	41°08.472'S 146°51.054'E
		(Plan A)	
	Add	Legend "Unsurveyed"	41°08.590'S 146°49.460'E
		(Plan B)	
	Change	Legend to "Common User Berth (5)"	41°08.47'S 146°51.12'E
75207	1Ed. 3/14/81 LAST NM 52/87		(28(423)88 Sydney) 44/88
	Change	Light to Fl(3) 30s 43m 23M, FR 37m 10M	41°03.4'S 146°47.3'E

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75207	1Ed. 3/14/81 LAST NM 44/88		(6(117)89 Sydney) 19/89
	Change	Lights to Fl R 2s 7m 6M	41°03.76'S 146°46.63'E
		Fl G 2s 6m 6M	41°03.77'S 146°46.32'E
		Fl G 3½s 4m 2M	41°04.82'S 146°47.67'E
		Iso G 2½s 4m 3M	41°05.51'S 146°47.98'E
	Add	Lights Iso G 8s	41°06.83'S 146°48.71'E
		Iso R 8s	41°07.53'S 146°48.98'E
		Range lights,	
		front FG	41°07.88'S 146°52.39'E
		front FG	41°07.87'S 146°52.41'E
		rear Iso G 8s	41°07.83'S 146°52.39'E
		Range line extending in 165°38' direction from above rear light dashed for 400 meters, thence solid for 700 meters	
		Legend "Ldg lts 345°38'" along above range line	41°08.27'S 146°52.59'E
		Range line extending in 185°19' direction from above rear light dashed for 400 meters, thence solid for 700 meters	
		Legend "Ldg lts 005°19'" along above range line	41°08.13'S 146°52.32'E
		(And Plan B)	
	Add	Range lights,	
		front FG	41°08.184'S 146°51.818'E
		rear FG	41°08.152'S 146°51.652'E
		Range line extending in 103°54' direction from above rear light dashed for 400 meters, thence solid for 700 meters	
		Legend "Ldg lts 283°54'" along above range line	41°08.230'S 146°52.140'E
		(Plan B)	
	Delete	Legend "(F.R & F.G Lights)"	41°08.21'S 146°51.87'E
	Add	Dashed lines between	41°07.900'S 146°52.417'E 41°08.042'S 146°52.468'E
		between	41°07.900'S 146°52.382'E 41°08.048'S 146°52.367'E
		Solid lines between	41°08.042'S 146°52.468'E 41°08.411'S 146°52.590'E
		between	41°08.048'S 146°52.367'E 41°08.428'S 146°52.322'E
		Legends "Iso G & FG Leading lights 005°19'" between	41°08.010'S 146°52.330'E 41°08.230'S 146°52.360'E
		"Iso G & FG Leading lights 345°38'" between	41°08.190'S 146°52.530'E 41°08.350'S 146°52.590'E
★**75208**	1Ed. 2/28/81	NEW CHART	(DMAHTC) 19/81
75208	1Ed. 2/28/81 LAST NM 19/81	(Plans A & B)	(2(44)81 Sydney) 20/81
	Change	Light to Fl(3) 5s	41°16.25'S 146°59.40'E
75208	1Ed. 2/28/81 LAST NM 20/81	(Plans C & D)	(16(223)81 Sydney) 33/81
	Delete	Light "No. 1"	41°25.75'S 147°07.30'E
	Add	Light "No. 1" FR	41°25.35'S 147°07.17'E

(continued on next page)

75208 (Continued)

Add	(Plan D) "Demolished (1981)" area bound by dashed line joining	41°25.892'S 147°07.425'E 41°25.860'S 147°07.400'E 41°25.850'S 147°07.420'E 41°25.880'S 147°07.450'E
	Land tint with legend "Synchrolift" to area bound by shore and solid line joining	41°25.730'S 147°07.290'E 41°25.740'S 147°07.260'E 41°25.785'S 147°07.300'E 41°25.775'S 147°07.325'E

75208 1Ed. 2/28/81 LAST NM 33/81 — (24(350)81 Sydney) 34/81

Relocate	(Plan B) Light "21" close W to	41°20'39"S 147°02'49"E

75208 1Ed. 2/28/81 LAST NM 34/81 — (5(97)82 Sydney) 39/82

Delete	(Plan A) Light (FR)	41°13.20'S 146°54.75'E

75208 1Ed. 2/28/81 LAST NM 39/82 — (36(533)86 Sydney) 43/86

Add	(Plan A) Light FR	41°08.225'S 146°51.785'E

75208 1Ed. 2/28/81 LAST NM 43/86 — (33(401)87 Sydney) 47/87

Delete	(Plan C) Light "No. 9"	41°23.97'S 147°06.61'E
Delete	(Plans C & D) Light	41°25.12'S 147°07.14'E

(6(117)89 Sydney) 19/89

75208 1Ed. 2/28/81 LAST NM 47/87

Add	(Plan A) Range lights front FG rear FG	41°08.18'S 146°51.82'E 41°08.15'S 146°51.65'E
	Range line extending in 103°54' direction from above rear light dashed for 400 meters, thence solid for 700 meters	
	Legend "Ldg lts 283°54'" along above range line	41°08.22'S 146°52.12'E
	Range lights, front FG front FG rear Iso G 8s	41°07.88'S 146°52.39'E 41°07.87'S 146°52.41'E 41°07.83'S 146°52.39'E
	Range line extending in 165°38' direction from above rear light dashed for 400 meters, thence solid for 700 meters	
	Legend "Ldg lts 345°38'" along above range line	41°08.32'S 146°52.59'E
	Range line extending in 185°19' direction from above rear light dashed for 400 meters, thence solid for 700 meters	
	Legend "Ldg lts 005°19'" along above range line	41°08.32'S 146°52.30'E

★75213 1Ed. 8/16/80 — (DMAHTC; 34(490)80 Sydney) 42/80

Change	NEW CHART Visibility (range) of lights to 14M 26M	40°18.8'S 147°48.0'E 40°59.6'S 148°20.8'E
	Light to Gp Fl(3) 24sec 142ft 24M & FR 122ft 10M	41°03.4'S 146°47.2'E

75213 1Ed. 8/16/80 LAST NM 42/80 — (12(186)82 Sydney) 42/82

Change	Light to Fl(3) 12s 82ft 15M	40°47.1'S 147°38.4'E

75213	1Ed. 8/16/80 LAST NM 42/82 Add	Depth 15 fathoms	(5(96)82 Sydney) 45/82 40°50.6'S 148°28.3'E
75213	1Ed. 8/16/80 LAST NM 45/82 Change	Visibility (range) of light to 8M	(13(238)83 Sydney) 32/83 40°47.1'S 147°38.4'E
75213	1Ed. 8/16/80 LAST NM 32/83 Add	Depth 18 fathoms	(BA CH 1695A) 49/83 40°38.3'S 147°33.0'E
75213	1Ed. 8/16/80 LAST NM 49/83 Add	Depth 4 fathoms "Obstr Rep (1973)" (PA)	(Aus CH 356) 12/85 40°27.9'S 148°32.3'E
75213	1Ed. 8/16/80 LAST NM 12/85 Change	Light to Fl(2) 10s 100ft 19M	(18(286)85 Sydney) 29/85 40°18.8'S 147°48.0'E
75213	1Ed. 8/16/80 LAST NM 29/85 Add	Depth 12 fathoms "Rep (1985)"	(35(552)85 Sydney) 42/85 40°50.45'S 148°19.25'E
75213	1Ed. 8/16/80 LAST NM 42/85 Change	Visibility (range) of light to 20M	(48(713)85 Sydney) 2/86 40°43.7'S 148°07.4'E
75213	1Ed. 8/16/80 LAST NM 2/86 Change	Visibility (range) of light to 6M	(49(725)85 Sydney) 11/86 41°03.1'S 146°44.2'E
75213	1Ed. 8/16/80 LAST NM 11/86 Add	Dangerous wreck (PA)	(39(484)87 Sydney) 50/87 40°49.8'S 147°50.3'E
75213	1Ed. 8/16/80 LAST NM 50/87 Change	Light to Fl(3) 30s 142ft 23M, FR 122ft 10M	(28(423)88 Sydney) 44/88 41°03.4'S 146°47.3'E
★**75215**	1Ed. 8/16/80 Change	NEW CHART Light to Gp Fl(3) 24sec 142ft 24M & FR 122ft 10M	(DMAHTC; 34(490)80 Sydney) 42/80 41°03.4'S 146°47.4'E
75215	1Ed. 8/16/80 LAST NM 42/80 Change	Light to Fl WR 5sec 100ft 18, 14M	(40(565)80 Sydney) 47/80 41°04.0'S 145°57.7'E
75215	1Ed. 8/16/80 LAST NM 47/80 Delete	Light	(45(628)80 Sydney) 4/81 41°03.1'S 145°54.8'E
75215	1Ed. 8/16/80 LAST NM 4/81 Change	Light to Gp Fl(3) 30sec 142ft 26M & FR 122ft 10M (See 42/80-75215)	(25(372)81 Sydney) 35/81 41°03.4'S 146°47.4'E
75215	1Ed. 8/16/80 LAST NM 35/81 Change	Legend "Aero Ro. Bn" to "AERO R Bn"	(21(305)81 Sydney) 46/81 40°59'58"S 145°43'00"E
75215	1Ed. 8/16/80 LAST NM 46/81 Change	Light to Fl(3) WR 15s 161ft 11/8M Note: Sectors unchanged	(BA LL 5/82 40°44.5'S 145°17.3'E
75215	1Ed. 8/16/80 LAST NM 5/82 Delete	Light	(25(429)84 Sydney) 38/84 41°04.60'S 145°54.95'E
	Change	Legend to "Beacon and light in line 210°"	41°01.4'S 145°57.4'E
		Light to Oc WRG 3s 518ft 11-8M and add sectors green 201°-207°30', white-212°30', red-219°	41°04.8'S 145°54.7'E
	Add	Bn, orange	41°04.3'S 145°55.0'E
75215	1Ed. 8/16/80 LAST NM 38/84 Relocate	Bn close E to (See 38/84-75215)	(25(429)84 Sydney) 41/84 41°04.3'S 145°55.2'E
75215	1Ed. 8/16/80 LAST NM 41/84 Delete	R Bn (AERO)	(45(765)84 Sydney) 52/84 41°10.4'S 146°22.6'E
	Add	R Bn (AERO)	41°10.5'S 146°25.6'E
75215	1Ed. 8/16/80 LAST NM 52/84 Change	Visibility (range) of light to 6M	(49(725)85 Sydney) 11/86 41°03.1'S 146°44.2'E

75215	1Ed. 8/16/80 LAST NM 11/86		(21(362)86 Sydney) 30/86
	Add	Wreck	40°46.1′S 145°41.4′E
75215	1Ed. 8/16/80 LAST NM 30/86		(44(629)86 Sydney) 1/87
	Add	Depth 5 fathoms 3 feet "Rep(1986)"	41°06.19′S 146°07.85′E
75215	1Ed. 8/16/80 LAST NM 1/87		(27(325)87 Sydney) 42/87
	Delete	Light	40°51.5′S 145°30.8′E
	Add	Light Fl 10s 210ft 17M	40°51.35′S 145°30.40′E
75215	1Ed. 8/16/80 LAST NM 42/87		(22(335)88 Sydney) 40/88
	Change	Light to Fl(2) WR 10s 590ft 18/14M and sectors to red shore-138°, white-296°, red-shore	40°56.9′S 145°43.7′E
75215	1Ed. 8/16/80 LAST NM 40/88		(28(423, 424)88 Sydney) 44/88
	Change	Light to Fl(3) 30s 142ft 23M. FR 122ft 10M	41°03.4′S 146°47.3′E
	Add	Depth 12 fathoms Obstr	41°03.1′S 146°00.0′E
*75220	10Ed. 4/13/85	NEW EDITION	(DMAHTC) 26/85
75220	10Ed. 4/13/85 LAST NM 26/85		(18(286)85 Sydney) 29/85
	Change	Light to Fl(2) 10s 30m 19M	40°18.8′S 147°48.1′E
75220	10Ed. 4/13/85 LAST NM 29/85		(32(484)85 Sydney) 41/85
	Add	Buoy, Y, spherical, Mo(U) 30s	38°24.3′S 148°18.8′E
75220	10Ed. 4/13/85 LAST NM 41/85		(35(552)85 Sydney) 42/85
	Add	Depth 22 meters "Rep (1985)"	40°50.3′S 148°19.3′E
75220	10Ed. 4/13/85 LAST NM 42/85		(48(713)85 Sydney) 2/86
	Change	Visibility (range) of light to 20M	40°43.7′S 148°07.4′E
75220	10Ed. 4/13/85 LAST NM 2/86		(HNNM7648; 32(485)85 Sydney) 4/86
	Add	Chartlet, depicting amendment to traffic separation scheme in the Bass Strait and associated changes to navigational aids, from back of Section I Note: Above amendment to traffic separation scheme and associated changes to navigational aids including withdrawal of Bass East and West Lightfloats become effective 0001 GMT on 21 February 1986.	38°41.8′S 148°12.0′E
		Light Fl 6s 24m 21M Racon to platform "Flounder A" Note: Light and Racon become operational 21 February 1986.	38°18.7′S 148°26.3′E
75220	10Ed. 4/13/85 LAST NM 4/86		(49(725)85 Sydney) 11/86
	Change	Visibility (range) of light to 6M	41°03.1′S 146°44.2′E
75220	10Ed. 4/13/85 LAST NM 11/86		(7(143)86 Sydney) 15/86
	Add	Danger circle "Well" marked by buoy, yellow spherical, Mo(U) 30s Ra Ref	38°19.48′S 147°31.26′E
75220	10Ed. 4/13/85 LAST NM 15/86		(13(247)86 Sydney) 22/86
	Change	Light to Fl 6s 27m 18M Racon (See 4/86-75220)	38°18.7′S 148°26.3′E
75220	10Ed. 4/13/85 LAST NM 22/86		(22(282)86 Sydney) 29/86
	Delete	Submerged wellheads and buoys "Tuna-3" "Mackerel-1" "Whiting-1"	38°10.0′S 148°27.0′E 38°28.9′S 148°21.7′E 38°13.8′S 147°53.5′E
75220	10Ed. 4/13/85 LAST NM 29/86		(2(57), 16(283)86 Sydney) 33/86
	Delete	Range lights, range line and legend "Lights in line 313°40'" between	38°43.0′S 146°23.2′E 38°54.0′S 146°38.0′E
	Relocate Change	Buoy "5" close NW to Characteristic of buoy "2" to Fl R 4s	38°50.3′S 146°32.8′E 38°49.2′S 146°31.5′E

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75220	(Continued) Add	Caution No. 7 to cautions note "7. Gas pipelines contain flammable natural gas under high pressure. Any ship damaging a pipe could face an immediate fire hazard. Mariners are strongly advised not to anchor or trawl near pipelines."	33/86 38°47'S 146°03'E
75220	10Ed. 4/13/85 LAST NM 33/86 Delete	Depth 39 meters "Rep (1982)"	(27(445)86 Sydney) 35/86 39°21.0'S 148°31.0'E
	Add	Depths 39 meters "Rep (1986)" 35 meters "Rep (1986)" 34 meters "Rep (1986)" 32 meters "Rep (1986)" 39 meters "Rep (1986)"	39°17.1'S 148°30.1'E 39°19.0'S 148°30.9'E 39°22.3'S 148°30.3'E 39°28.3'S 148°30.5'E 39°33.1'S 148°30.3'E
75220	10Ed. 4/13/85 LAST NM 35/86 Add	Depth 10.1 meters "Rep (1986)"	(44(629)86 Sydney) 1/87 41°06.2'S 146°07.8'E
75220	10Ed. 4/13/85 LAST NM 1/87 Delete	Depth 29 meters	(46(646)86 Sydney) 4/87 39°16'S 147°00'E
	Add	Depth 7.2 meters	39°15.9'S 146°59.8'E
75220	10Ed. 4/13/85 LAST NM 4/87 Add	Lights Fl(4) 16s 105m 10M Fl(3) 12s 100m 10M	(16(214)87 Sydney) 28/87 39°26.7'S 147°22.5'E 39°31.3'S 147°07.5'E
75220	10Ed. 4/13/85 LAST NM 28/87 Add	Depth 5.8 meters (SD)	(28(253)87 Sydney) 29/87 38°54.3'S 146°38.6'E
75220	10Ed. 4/13/85 LAST NM 29/87 Change	Light to Fl WRG 4s 4m 4-3M	(39(482,484)87 Sydney) 50/87 38°45.2'S 146°39.5'E
	Add	Dangerous wreck (PA)	40°49.8'S 147°50.3'E
75220	10Ed. 4/13/85 LAST NM 50/87 Delete	Range line and legend "Lights in line 317°45'" between	(50(618)87 Sydney) 11/88 38°43.8'S 146°38.8'E 38°49.6'S 146°45.5'E
		Buoy "Fairway"	38°46.2'S 146°41.2'E
	Add	Buoy "Fairway" RW, spherical, ball topmark, Fl 5s	38°46.9'S 146°41.2'E
75220	10Ed. 4/13/85 LAST NM 11/88 Add	Platform with legend "Bream"	(7(110)88 Sydney) 20/88 38°30.1'S 147°46.3'E
		Submarine pipeline between	38°30.1'S 147°46.3'E 38°35.7'S 148°06.3'E
		(See 4/86-75220)	
75220	10Ed. 4/13/85 LAST NM 20/88 Delete	Depths 59 meters 37 meters 33 meters "Rep (1981)" 29 meters "Rep (1981)"	(1(44)89 Sydney) 12/89 39°11.7'S 146°30.8'E 39°13.7'S 146°30.3'E 39°07.2'S 146°45.0'E 39°05.7'S 147°00.0'E
	Add	Depths 27 meters 9.9 meters 35 meters	39°11.9'S 146°30.4'E 39°13.4'S 146°30.6'E 39°10.9'S 146°37.6'E
75220	10Ed. 4/13/85 LAST NM 12/89 Add	Depth 20.1 meters "Rep (1988)"	(6(116)89 Sydney) 19/89 39°40.5'S 148°21.5'E
★75222	7Ed. 7/3/82	NEW EDITION	(DMAHTC) 39/82
75222	7Ed. 7/3/82 LAST NM 39/82 Add	(Plan A) Submarine pipeline between	(33(451)82 Sydney) 16/83 41°10'32.6"S 146°21'46.5"E 41°10'36.0"S 146°21'58.5"E
75222	7Ed. 7/3/82 LAST NM 16/83 Delete	(Plan B) Light	(25(429)84 Sydney) 38/84 41°04'38"S 145°54'54"E

(continued on next page)

75222	(Continued)		38/84
	Change	Legend to "Beacon and light in line 210°"	41°02'00.0"S 145°56'55.0"E
		Light to Oc WRG 3s 518Ft 11-8 M and add sectors green 201°-207°30', white-212°30', red-219°	41°04'52.2"S 145°54'43.0"E
	Add	Bn, orange	41°04'22.5"S 143°55'06.5"E
75222	7Ed. 7/3/82 LAST NM 38/84		(49(726)85 Sydney) 11/86
		(Plans B & C)	
	Delete	Depth 5 fathoms 3 feet	41°03.2'S 145°55.3'E
		(Plan C)	
	Delete	Range lights, front rear	41°03'05"S 145°54'36"E 41°03'04"S 145°54'34"E
		Range line and legend "Lights in line 293°" between	41°03'25"S 145°55'22"E 41°03'04"S 145°54'31"E
		Range lights, front rear	41°03'08"S 145°54'34"E 41°03'07"S 145°54'31"E
		Range line and legend "Lights in line 296°" between	41°03'25"S 145°55'22"E 41°03'07"S 145°54'31"E
	Change	Legend "RORO Berth" to "ANL Berth"	41°03'23"S 145°54'36"E
75222	7Ed. 7/3/82 LAST NM 11/86		(49(726)85 Sydney) 19/86
		(Plan C)	
	Delete	Range line and legend "Lights in line 293°" between	41°03'04"S 145°54'34"E 41°03'21"S 145°55'25"E
		(See 11/86-75222)	
75222	7Ed. 7/3/82 LAST NM 19/86		(27(324)87 Sydney) 42/87
		(Plan B)	
	Delete	Depth 7 fathoms 3 feet	41°03'26"S 145°58'12"E
	Add	Depths 8 fathoms 6 fathoms 5 feet 7 fathoms 1 foot	41°03'19.2"S 145°56'57.0"E 41°03'26.8"S 145°58'06.3"E 41°03'13.0"S 145°58'21.8"E
75222	7Ed. 7/3/82 LAST NM 42/87		(49(711)88 Sydney) 10/89
		(Plans B & C)	
	Change	Legend to "Dredged to 33ft (1988)"	41°03'19"S 145°54'52"E
		(Plan C)	
	Delete	Depths 4 fathoms 5 feet 3 fathoms 4 feet 4 fathoms 4 fathoms 4 fathoms 1 foot	41°03'07.9"S 145°54'42.5"E 41°03'09.1"S 145°54'38.3"E 41°03'09.8"S 145°54'40.0"E 41°03'10.6"S 145°54'40.0"E 41°03'10.9"S 145°54'43.0"E
	Change	Legend to "Dredged to 36ft (1988)"	41°03'13.2"S 145°54'40.7"E
	Add	Depths 4 fathoms 2 feet 4 fathoms 4 fathoms 3 feet 4 fathoms 3 feet 4 fathoms 4 feet 3 fathoms 5 feet	41°03'05.5"S 145°54'41.0"E 41°03'06.0"S 145°54'39.1"E 41°03'07.7"S 145°54'42.5"E 41°03'08.7"S 145°54'47.4"E 41°03'10.2"S 145°54'45.8"E 41°03'11.0"S 145°54'38.6"E
		Dashed lines (dredged limits) joining	41°03'08.4"S 145°54'37.4"E 41°03'09.3"S 145°54'36.8"E 41°03'11.5"S 145°54'43.4"E 41°03'10.7"S 145°54'44.0"E
		joining	41°03'18.7"S 145°54'34.8"E 41°03'19.7"S 145°54'35.0"E 41°03'18.0"S 145°54'46.8"E 41°03'17.1"S 145°54'46.4"E 41°03'17.4"S 145°54'44.3"E
		Legends "Dredged to 33ft (1988)" "Dredged to 37ft (1988)"	41°03'10.2"S 145°54'40.2"E 41°03'18.7"S 145°54'41.0"E

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75222	(Continued) Add	Berth designations "1" "2" "3" "4" "5" "6" "7"	10/89 41°03'06.0"S 145°55'04.0"E 41°03'06.5"S 145°54'44.2"E 41°03'07.8"S 145°54'41.1"E 41°03'09.8"S 145°54'41.1"E 41°03'13.2"S 145°54'39.8"E 41°03'18.3"S 145°54'39.8"E 41°03'22.1"S 145°54'35.3"E
★75240	3Ed. 4/21/84 Delete	NEW EDITION Legend "PILOTS" (Previously published 22/84)	(DMAHTC) 24/84 37°54.5'S 148°01.1'E
75240	3Ed. 4/21/84 LAST NM 24/84 Delete	Danger circle "Well" and buoy "Cobia-2" close NW	(50(848)84 Sydney) 7/85 38°27.7'S 148°18.2'E
75240	3Ed. 4/21/84 LAST NM 7/85 Add	Wreck (PA)	(28(421)85 Sydney) 39/85 37°50.6'S 148°41.8'E
75240	3Ed. 4/21/84 LAST NM 39/85 Add	Buoy, Y, spherical, Mo(U) 30s	(32(484)85 Sydney) 41/85 38°24.3'S 148°18.8'E
75240	3Ed. 4/21/84 LAST NM 41/85 Add	Chartlet, depicting amendment to traffic separation scheme in the Bass Strait and associated changes to navigational aids, from back of Section I Note: Above amendment to traffic separation scheme and associated changes to navigational aids including withdrawal of Bass East and West Lightfloats become effective 0001 GMT on 21 February 1986. Light Fl 6s 24m 21M Racon to platform "Flounder A" Note: Light and Racon become operational 21 February 1986.	(HNNM7648/85, 32(485)85 Sydney) 4/86 38°41.3'S 148°09.6'E 38°18.8'S 148°26.3'E
75240	3Ed. 4/21/84 LAST NM 4/86 Add	Danger circle "Well" marked by buoy, yellow spherical, Mo(U) 30s Ra Ref	(7(143)86 Sydney) 15/86 38°19.48'S 147°31.26'E
75240	3Ed. 4/21/84 LAST NM 15/86 Add	R Bn (AERO)	(3(80)86 Sydney) 20/86 37°35.9'S 149°43.7'E
75240	3Ed. 4/21/84 LAST NM 20/86 Change	Light to Fl 6s 27m 18M Racon at platform (See 4/86-75240)	(13(247)86 Sydney) 21/86 38°18.8'S 148°26.3'E
75240	3Ed. 4/21/84 LAST NM 21/86 Delete	Submerged wellheads and buoys "Tuna-3" "Mackerel-1" "Whiting 1"	(22(282)86 Sydney) 29/86 38°10.0'S 148°27.2'E 38°28.8'S 148°21.8'E 38°14.2'S 147°53.2'E
75240	3Ed. 4/21/84 LAST NM 29/86 Add	Caution No. 3 to cautions note "3. Gas pipelines contain flammable natural gas under high pressure. Any ship damaging a pipe could face an immediate fire hazard. Mariners are strongly advised not to anchor or trawl near pipelines." Depth 80 meters "Rep (1985)"	(2(58), 16(283)86 Sydney) 33/86 37°30'S 148°13'E 37°48.1'S 149°48.8'E
★75241	5Ed. 12/7/85 Delete	NEW EDITION (And Plan) Buoy (Previously published 2/86)	(DMAHTC; 37(646)84 Sydney) 11/86 37°05'25"S 149°55'15"E
	Delete	Red and white sectors from light Note: Obscured sector remains	36°25'15"S 150°04'15"E

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*75241	(Continued) Change	Light to Fl(3) 20s 179ft 26M. FR 185ft 13M	11/86 37°34'20"S 149°54'36"E
75241	5Ed. 12/7/85 LAST NM 11/86 Add	Red sectors to light 198°-246°30' and 288°-337°30' Note: White sector unchanged	(DMAHTC) 16/86 37°04.2'S 149°54.6'E
75241	5Ed. 12/7/85 LAST NM 16/86 Change	Sectors of light to red 198°-246°30', white-288°, red-337°30' (Cancels 16/86-75241)	(BA LL) 20/86 37°04.2'S 149°54.6'E
75241	5Ed. 12/7/85 LAST NM 20/86 Change	Sectors of light between 198°-337°30' to white 246°30'-286° (Supersedes 16, 20/86-75241)	(Aus CH 806) 23/86 37°04.2'S 149°54.6'E
75241	5Ed. 12/7/85 LAST NM 23/86 Delete	Buoy (wave rider)	(18(307)86 Sydney) 25/86 37°10.5'S 150°09.6'E
	Add	Buoy (wave rider), yellow spherical, Fl(2) Y 25s	37°10.8'S 150°07.5'E
75241	5Ed. 12/7/85 LAST NM 25/86 Delete	Buoy (waverider) (See 25/86-75241)	(50(682), 51(698)86 Sydney; BA LL) 11/87 37°10.8'S 150°07.5'E
	Change	Light to Fl 7½s 262ft 20M and delete legend "Sig Sta"	36°15.2'S 150°13.4'E
	Add	Buoy (waverider), Y, spherical, Fl(5) 20s	37°09'48"S 150°09'45"E
75241	5Ed. 12/7/85 LAST NM 11/87 Delete	Buoy (waverider) (See 11/87-75241)	(15(180)87 Sydney) 27/87 37°09.8'S 150°09.7'E
*75251	4Ed. 10/19/85 Delete	NEW EDITION Plan B (Batemans Bay) Legend "Plan B"	(DMAHTC) 1/86 36°06.0'S 150°47.0'E 35°44.8'S 150°16.6'E
75251	4Ed. 10/19/85 LAST NM 1/86 Delete	Buoy (waverider)	(11(192)86 Sydney) 18/86 35°03.4'S 150°46.3'E
	Add	Buoy "Waverider", yellow spherical, Fl Y	35°07.4'S 150°44.0'E
75251	4Ed. 10/19/85 LAST NM 18/86 Delete	Buoy (waverider)	(17(286)86 Sydney) 26/86 35°08.2'S 150°47.5'E
75251	4Ed. 10/19/85 LAST NM 26/86 Add	Buoy (wave rider), orange spherical, Fl(5) Y 10s	(24(388)86 Sydney) 31/86 35°46'S 150°19'E
75251	4Ed. 10/19/85 LAST NM 31/86 Delete	Buoy (waverider) (See 31/86-75251)	(50(682), 51(698)86 Sydney) 11/87 35°46'S 150°19'E
	Change	Light to Fl 7½s 262ft 20M and delete legend "Sig Sta"	36°15.2'S 150°13.5'E
	Add	Buoy (waverider), Y, spherical, Fl(5) 20s	35°46'20"S 150°19'05"E
75251	4Ed. 10/19/85 LAST NM 11/87 Delete	Buoys (waverider) (See 11/87-75251)	(15(180)87 Sydney) 28/87 35°46.3'S 150°19.1'E 35°01.1'S 150°45.4'E 35°07.4'S 150°44.0'E 35°07.2'S 150°47.4'E
75251	4Ed. 10/19/85 LAST NM 28/87 Add	Wreck (PA)	(44(538)87 Sydney) 1/88 35°15.0'S 150°38.9'E
75251	4Ed. 10/19/85 LAST NM 1/88 Add	Light VQ 78ft 7M	(32(475)88 Sydney) 48/88 35°42'58"S 150°12'33"E

★75261	4Ed. 11/24/84	NEW EDITION	(DMAHTC) 1/85
75261	4Ed. 11/24/84 LAST NM 3/85 Add	Light Iso WR 2s 103ft 7/5M	(10(136)85 Sydney) 19/85 34°00.6'S 151°13.8'E
75261	4Ed. 11/24/84 LAST NM 19/85 Delete	Buoy (waverider)	(11(192)86 Sydney) 18/86 35°03.4'S 150°46.3'E
	Add	Buoy "Waverider", yellow spherical, Fl Y	35°07.4'S 150°44.0'E
75261	4Ed. 11/24/84 LAST NM 18/86 Add	Light Fl R 3s 52ft 6M	(12(212)86 Sydney) 19/86 34°40.3'S 150°52.2'E
75261	4Ed. 11/24/84 LAST NM 19/86 Delete	Buoy (wave recorder)	(17(286)86 Sydney) 26/86 35°07.6'S 150°47.7'E
75261	4Ed. 11/24/84 LAST NM 26/86 Substitute	Depth 13 fathoms Wk (PA) for dangerous wreck (PA)	(21(354)86 Sydney) 30/86 34°26.9'S 150°56.4'E
75261	4Ed. 11/24/84 LAST NM 30/86 Add	Buoy (waverider), Y, spherical, Fl(5) 20s	(51(698)86 Sydney) 11/87 34°28'15"S 151°01'30"E
75261	4Ed. 11/24/84 LAST NM 11/87 Change	Light to Fl(4) 16s 180ft 13M	(7(72)87 Sydney) 15/87 34°02.2'S 151°13.4'E
75261	4Ed. 11/24/84 LAST NM 15/87 Delete	Buoy (waverider) (See 11/87-75261)	(15(180)87 Sydney) 27/87 34°28.2'S 151°01.5'E
75261	4Ed. 11/24/84 LAST NM 27/87 Add	"Spoil Area" bound by dashed line joining	(33(395)87 Sydney) 47/87 33°51.9'S 151°24.1'E 33°53.0'S 151°25.7'E 33°51.3'S 151°28.0'E
75261	4Ed. 11/24/84 LAST NM 47/87 Delete	Dashed line joining (See 47/87-75261)	(7(113)88 Sydney) 20/88 33°51.9'S 151°24.1'E 33°53.0'S 151°25.7'E 33°51.3'S 151°28.0'E
	Add	Dashed line (spoil ground limit) joining	33°51.9'S 151°24.1'E 33°53.1'S 151°24.1'E 33°53.1'S 151°28.0'E 33°51.3'S 151°28.0'E
75261	4Ed. 11/24/84 LAST NM 20/88 Delete	Depth 41 fathoms "Foul"	(14(212)88 Sydney) 33/88 33°58.7'S 151°18.0'E
	Add	Anchorage prohibited symbol	33°58.8'S 151°17.7'E
75261	4Ed. 11/24/84 LAST NM 33/88 Delete	Depth 29 fathoms Foul	(26(381)88 Sydney) 44/88 33°53.4'S 151°18.2'E
	Add	Anchorage prohibited symbol	33°53.3'S 151°18.4'E
75261	4Ed. 11/24/84 LAST NM 44/88 Delete	Depth 23 fathoms Foul	(46(640)88 Sydney) 5/89 33°49.5'S 151°19.8'E
	Add	Anchorage prohibited symbol	33°49.5'S 151°19.6'E
75261	4Ed. 11/24/84 LAST NM 5/89 Delete	Pilot station symbol	(9(159, 160)89 Sydney) 19/89 33°50.4'S 151°19.9'E
		Purple composite line between	33°55.2'S 151°16.3'E 33°57.4'S 151°22.8'E
	Add	Pilot station symbol	33°50'20"S 151°21'35"E
		Purple composite line joining	33°55'10"S 151°16'20"E 33°58'30"S 151°22'40"E 33°57'25"S 151°22'50"E
★75262	4Ed. 5/17/80	NEW EDITION	(DMAHTC) 33/80

75263	4Ed. 5/17/80 LAST NM 33/80		(NVS6317/81; 32(522)83 Sydney) 42/83
	Change	Note in upper left margin of chart to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	
	Add	Dangerous wreck	34°26'54"S 150°55'31"E
75262	4Ed. 5/17/80 LAST NM 42/83		(3(40)85 Sydney) 12/85
	Add	Buoys, "Waverider", yellow spherical, Fl(3) Y 20s	34°27.85'S 150°55.05'E 34°27.05'S 150°55.85'E
	Delete	(And Plan A) Buoy "Waverider"	34°27.5'S 150°54.5'E
75262	4Ed. 5/17/80 LAST NM 12/85		(22(365)86 Sydney) 29/86
	Delete	Range lights, range line and legend "Leading Lights 207°46'" between	34°29.12'S 150°53.88'E 34°25.86'S 150°55.96'E
	Delete	(Plan A) Range light (front), range line and legend "Leading Lights 207°46'" between	34°28.83'S 150°54.08'E 34°27.44'S 150°54.97'E
	Add	(And Plan A) Range lights, front Dir FWRG 16m 12M with sectors green 210°30'-211°45', green/white-212°22.5', white-213°37.5', white/red-214°15', red-215°30' rear Fl 3s 33m 5M. 481 meters 213° from front	34°28.624'S 150°54.124'E
		Range line extending in 033° direction from above rear light dashed for 0.8 mile, thence solid for 2.7 miles (0.7 mile on plan)	
		Legend "Dir & Ldg Lts 213°" along above range line	34°27.70'S 150°54.84'E
75262	4Ed. 5/17/80 LAST NM 29/86		(21(354)86 Sydney) 30/86
	Substitute	Depth 24 meters Wk for dangerous wreck	34°26'54"S 150°55'31"E
75262	4Ed. 5/17/80 LAST NM 30/86		(26(427)86 Sydney) 34/86
	Add	Range lights, front Iso R 2s 30m 12M rear Oc R 3s 47m 9M 950 meters 207°46' from front	34°28.67'S 150°54.19'E
		Range line extending in 027°46' direction from above rear light dashed for 1900 meters, thence solid for 4950 meters	
		Legend "Leading lights 207°46'" (See 29/86-75262) (Plan)	34°26.30'S 150°55.70'E
	Add	Range light, front Iso R 2s 30m 12M	34°28.667'S 150°54.189'E
		Range line extending in 027°46' direction from position thru front light dashed for 1335 meters, thence solid for 1570 meters	34°28.833'S 150°54.085'E 34°28.667'S 150°54.189'E
		Legend "Leading Lights 207°46'" (See 29/86-75262)	34°27.710'S 150°54.800'E
75262	4Ed. 5/17/80 LAST NM 34/86		(51(699)86 Sydney) 11/87
	Add	Chartlet, depicting changes in hydrography and topography, from back of Section I	34°27'25"S 150°53'33"E

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75262	(Continued)		
		(Plan A)	11/87
	Delete	Light	34°27.8'S 150°53.9'E
		Buoy	34°27.4'S 150°53.3'E
	Add	Chartlet, depicting changes in hydrography and topography, from back of Section I	34°27'28"S 150°53'34"E
75262	4Ed. 5/17/80 LAST NM 11/87		(45(564)87 Sydney) 1/88
		(Plan)	
	Delete	Buoy (mooring)	34°27.95'S 150°54.21'E
75262	4Ed. 5/17/80 LAST NM 1/88		(49(609)87 Sydney) 6/88
	Add	"Spoil Ground" area bound by dashed line joining	34°28.57'S 150°57.03'E
			34°28.57'S 150°57.40'E
			34°29.33'S 150°57.52'E
			34°29.33'S 150°56.97'E
			34°29.15'S 150°56.97'E
			34°28.88'S 150°57.20'E
75262	4Ed. 5/17/80 LAST NM 6/88		(Aus CH 195) 17/88
		(Plan A)	
	Delete	Depths 15 meters	34°27.83'S 150°53.77'E
		15 meters	34°27.87'S 150°53.78'E
		15.1 meters	34°27.90'S 150°53.90'E
		15.1 meters	34°27.98'S 150°54.01'E
		15 meters	34°27.98'S 150°54.12'E
		15 meters	34°28.06'S 150°54.13'E
	Add	Depths 15.4 meters	34°27.819'S 150°53.739'E
		15.4 meters	34°27.876'S 150°53.898'E
		14.6 meters	34°27.883'S 150°54.907'E
★**75263**	7Ed. 10/15/83	NEW EDITION	(DMAHTC, NVS6317/81) 1/84
	Change	Note to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	33°58.1'S 151°05.1'E
75263	7Ed. 10/15/83 LAST NM 1/84		(8(113), 10(136)85 Sydney) 19/85
	Delete	Depth 2.3 meters	34°04.595'S 151°08.620'E
	Add	Depths 1.5 meters	34°04.539'S 151°08.659'E
		0.5 meter	34°04.569'S 151°08.602'E
		0.9 meter	34°04.564'S 151°08.544'E
		Light Iso WR 2s 31m 7/5M with sectors white 127°30'-312°, red-344°	34°00.350'S 151°13.645'E
75263	7Ed. 10/15/83 LAST NM 19/85		(48(701)85 Sydney) 2/86
	Change	Light to Iso 2s 4m 4M and delete sectors	34°04.51'S 151°08.38'E
75263	7Ed. 10/15/83 LAST NM 2/86		(3(62)86 Sydney) 20/86
	Change	Light to Iso WRG 2s 4m 8/6M and add sectors green 198°-284°, white-294°, red-058°	34°04.51'S 151°08.37'E
75263	7Ed. 10/15/83 LAST NM 20/86		(7(72)87 Sydney) 15/87
	Change	Light to Fl(4) 16s 55m 13M	34°02.2'S 151°13.3'E
75263	7Ed. 10/15/83 LAST NM 15/87		(8(91)87 Sydney) 16/87
	Delete	Depth 0.5 meter	34°04.58'S 151°08.34'E
	Change	Light to Iso 2s 4m 8M and delete sectors	34°04.51'S 151°08.37'E
	Add	Beacons G, cone topmark, Iso G 2s	34°04.505'S 151°08.587'E
			34°04.533'S 151°08.827'E
		Beacon R, can topmark, Iso R 2s	34°04.577'S 151°08.367'E

75263 7Ed. 10/15/83 LAST NM 16/87
Add — Buoys, each R, can, can topmark
"16" Fl R 3s
"10" Fl R 3s
"8" Fl R 2s
"6" QR

Buoy
"5" G, conical, cone topmark, Fl G 3s

Lights FR 6m 4M
FG 7m 4M

(Aus CH 199) 45/87

33°58.32'S 151°12.26'E
33°58.82'S 151°12.09'E
33°58.99'S 151°12.17'E
33°59.14'S 151°12.29'E

33°59.04'S 151°12.44'E

33°58.29'S 151°12.40'E
33°58.42'S 151°12.62'E

75263 7Ed. 10/15/83 LAST NM 45/87
Add — Range lights, front F 18m
rear F 23m

Range line extending in 253°22'
direction from above rear light
dashed for 250 meters, thence
solid for 1450 meters

Legend "Ldg Lts 073°22'" along
above range line

(33(394)87 Sydney) 47/87
33°58.153'S 151°13.155'E
33°58.150'S 151°13.190'E

33°58.370'S 151°12.240'E

Ranges light front F 18m
rear F 23m

Range line extending in 248°49'
direction from above rear light
dashed for 250 meters, thence
solid for 1450 meters

Legend "Ldg Lts 068°49'" along
above range line

33°58.181'S 151°13.167'E
33°58.178'S 151°13.200'E

SUBREGIONS
75

75263 7Ed. 10/15/83 LAST NM 47/87
Change — Light to Fl G 3s 7m 4M
(See 45/87-75263)

33°58.450'S 151°12.260'E

(41(503)87 Sydney) 52/87
33°58.42'S 151°12.62'E

75263 7Ed. 10/15/83 LAST NM 52/87
Delete — Depth 75 meters "Foul"

Add — Anchorage prohibited symbols

(14(212)88 Sydney) 33/88
33°58.4'S 151°18.1'E

33°58.45'S 151°17.65'E
33°58.57'S 151°18.13'E

75263 7Ed. 10/15/83 LAST NM 33/88
Delete — Anchorage prohibited symbols

(See 33/88-75263)

(46(640)88 Sydney) 5/89
33°58.5'S 151°17.7'E
33°58.6'S 151°18.1'E

Add — Purple dashed-line greater arc
of a circle, radius 0.75 mile,
centered
arc between

33°58.52'S 151°17.88'E
33°57.80'S 151°18.17'E
33°59.23'S 151°18.17'E

Legend "ANCH PROHIB"

33°58.13'S 151°17.42'E

75263 7Ed. 10/15/83 LAST NM 5/89
Add — Light Iso 2s

(49(701)88 Sydney) 10/89
34°00.52'S 151°12.48'E

75263 7Ed. 10/15/83 LAST NM 10/89
Change — Light to Q
(See 10/89-75263)

(9(158)89 Sydney) 19/89
34°00.5'S 151°12.5'E

*75264 15Ed. 7/19/86 — NEW EDITION
Delete — Buoys (mooring) "7"
"2"
"3"
(Previously published 31/86)

(DMAHTC) 41/86
33°51'57"S 151°14'13"E
33°51'42"S 151°14'14"E
33°51'36"S 151°14'14"E

Add — Buoys (mooring) "2"
"3"
"3A"
"3B"
(Previously published 31/86)

33°51'37"S 151°14'01"E
33°51'37"S 151°14'14"E
33°51'42"S 151°14'15"E
33°51'36"S 151°14'22"E

75264 15Ed. 7/19/86 LAST NM 41/86

Relocate	Buoy (mooring) (33°51'13.5"S 151°09'49.6"E) to	(33(494)86 Sydney) 43/86 33°51'10.6"S 151°09'54.5"E
Add	Buoy, BRB, pillar, double ball topmark	33°50'39.5"S 151°09'46.6"E

75264 15Ed. 7/19/86 LAST NM 43/86

Delete	Buoy (mooring) "2"	(40(576)86 Sydney) 51/86 33°50.9'S 151°10.7'E

75264 15Ed. 7/19/86 LAST NM 51/86

Delete	Bn	(15(182)87 Sydney) 27/87 33°51'42"S 151°15'28"E
Add	Buoy YB, pillar, double cone topmark points downward	33°51'41.4"S 151°15'28.0"E

75264 15Ed. 7/19/86 LAST NM 27/87

Substitute	Foul ground symbol for position circle "Dol"	(34(405)87 Sydney) 47/87 33°51'11"S 151°15'42"E

75264 15Ed. 7/19/86 LAST NM 47/87

Delete	Designation from buoys "4"	(48(597, 599)87 Sydney) 6/88 33°50'07"S 151°15'55"E
	"5"	33°50'17"S 151°16'19"E
	"6"	33°50'54"S 151°15'48"E
Change	Designation of buoys "Middle Head 2" to "Middle Head"	
	"No 1 Junction" to "Junction"	33°49'49"S 151°16'14"E
	"Western Channel 3" to "Western Channel"	33°49'56"S 151°16'24"E 33°50'14"S 151°16'04"E
Add	Buoy R, can, can topmark	33°50'54.8"S 151°16'11.4"E
	Light FR 7m 6M SIREN	33°51'23.4"S 151°12'32.5"E

75264 15Ed. 7/19/86 LAST NM 6/88

Delete	Depth 54 meters Foul	(26(381), 28(415)88 Sydney) 44/88 33°53'12"S 151°18'08"E
	Buoys (mooring)	33°52'05"S 151°13'42"E
		33°52'07"S 151°13'42"E
Add	Purple dashed line between	33°53'10.8"S 151°18'08.9"E
		33°53'11.8"S 151°18'27.7"E
	Purple dashed-line lesser arcs of a circle, each radius 300 meters, centered	
	arc between	33°53'20.0"S 151°18'08.0"E 33°53'10.8"S 151°18'08.9"E 33°53'25.0"S 151°17'58.0"E
	centered	
	arc between	33°53'21.0"S 151°18'27.0"E 33°53'11.8"S 151°18'27.7"E 33°53'25.0"S 151°18'37.3"E
	Legend "Anchorage Prohibited"	33°53'20.5"S 151°18'17.5"E

75264 15Ed. 7/19/86 LAST NM 44/88

Delete	Buoy	(33(483)88 Sydney) 50/88 33°50'19"S 151°16'11"E
Add	Beacons BY, double cone topmark points upward	
	BYB, double cone topmark bases together	33°50'15.5"S 151°16'08.5"E
	YB, double cone topmark points downward	33°50'18.6"S 151°16'13.5"E
	YBY, double cone topmark points together	33°50'20.5"S 151°16'11.4"E 33°50'18.6"S 151°16'09.3"E

★76010	3Ed. 4/16/83	NEW EDITION	
	Add	Light (AERO) Al Fl WG (PA) Legend "R Bn" to light	(DMAHTC; US LL; US CH 76070; US RA) 25/83 41°31.3'S 173°52.2'E 40°39.5'S 174°00.0'E
76010	3Ed. 4/16/83 LAST NM 25/83 Change	Visibility (range) of lights to 27/17M 15/8M 27M 19M	(BA LL) 34/83 40°32.8'S 173°00.2'E 41°12.5'S 173°19.2'E 40°39.5'S 174°00.0'E 43°53.5'S 172°59.0'E
76010	3Ed. 4/16/83 LAST NM 34/83 Change	Light to Q(2) 27M R Bn	(32(207)84 Auckland) 40/84 40°40'S 174°00'E
76010	3Ed. 4/16/83 LAST NM 40/84 Delete	Depth 5 fathoms "Rep (1963)"	(28(157)85 Auckland) 33/85 45°19.1'S 171°23.3'E
76010	3Ed. 4/16/83 LAST NM 33/85 Add	Buoy (waverider), red spherical, Fl(3) Y 15s	(42(297)86 Auckland) 51/86 43°59.6'S 172°14.4'E
76010	3Ed. 4/16/83 LAST NM 51/86 Add	Dangerous wreck	(10(86)87 Auckland) 18/87 45°24.8'S 171°11.5'E
76010	3Ed. 4/16/83 LAST NM 18/87 Delete	Dangerous wreck (Supersedes 18/87-76010)	(12(99)87 Auckland) 21/87 45°24.8'S 171°11.5'E
	Add	Wreck (PA)	45°25.3'S 171°11.5'E
★76020	7Ed. 10/19/85 Change	NEW EDITION Visibility (range) of light to 23M (Previously published 50/85)	(DMAHTC) 1/86 22°28.5'S 166°28.2'E
	Delete	Light (Previously published 51/85)	21°37.8'S 166°15.8'E
	Substitute	Depth 22 fathoms "Rep (1985)" for 55 fathoms (Previously published 52/85)	22°26.9'S 167°13.9'E
★76020	7Ed. 10/19/85 LAST NM 1/86 Add	Depth 52 fathoms	(MCNM7848/86) 50/86 22°16'S 169°03'E
76020	7Ed. 10/19/85 LAST NM 50/86 Add	Depth 19 fathoms "Rep (1986)"	(48(663)86 Sydney) 6/87 32°01'S 166°58'E
76020	7Ed. 10/19/85 LAST NM 6/87 Add	Depth 59 fathoms "Rep (1986)"	(3(43)87 Sydney) 14/87 29°41.1'S 167°52.4'E
76020	7Ed. 10/19/85 LAST NM 14/87 Delete	Depth 455 fathoms	(12(97)87 Auckland) 21/87 28°35'S 167°51'E
	Add	Depths 275 fathoms 165 fathoms	28°36'S 167°52'E 33°59'S 167°14'E
76020	7Ed. 10/19/85 LAST NM 21/87 Delete	Depth 7 fathoms	(25(44)87 Brest) 39/87 23°26'S 168°07'E
76020	7Ed. 10/19/85 LAST NM 39/87 Delete	Depth 51 fathoms	(MCNM8027/87) 1/88 23°02'S 168°20'E
	Add	Depth 48 fathoms "Rep (1967)" (PA)	23°04'S 168°20'E
76020	7Ed. 10/19/85 LAST NM 1/88 Delete	Depth 113 fathoms "Rep (1984)"	(16(118)88 Auckland) 29/88 32°12'S 167°29'E
	Add	Depth 65 fathoms	32°11'S 167°32'E
		Legends "PD" to depth 19 fathoms "Rep (1986)" "ED" to depth 8¾ fathoms "Rep (1982)"	32°01'S 166°58'E 32°09'S 167°19'E
76020	7Ed. 10/19/85 LAST NM 29/88 Add	Depths 223 fathoms 251 fathoms	(Fr CH 6768) 11/89 23°17.5'S 168°10.0'E 23°12.5'S 167°50.9'E

★76030	8Ed. 4/12/86	NEW EDITION	(DMAHTC) 25/86
	Delete	Legend "10½ fms Rep 1917" (Previously published 18/86)	37°36'S 179°00'E
	Substitute	Depth 9 fathoms for 14 fathoms (Previously published 18/86)	37°34.2'S 178°52.6'E
	Delete	Lights (Previously published 23/86)	23°41'S 178°55'W 23°56'S 179°07'W
76030	8Ed. 4/12/86 LAST NM 25/86		(20(149)86 Auckland) 27/86
	Delete	Depth 9 fathoms (See 25/86-76030)	37°34.2'S 178°52.6'E
	Add	Depth 8 fathoms	37°34.3'S 178°52.8'E
76030	8Ed. 4/12/86 LAST NM 27/86		(3(38)87 Auckland) 11/87
	Add	Dashed-line circle with blue tint and legend "Volcanic Activity Rep (1986)"	24°58'S 175°52'W
76030	8Ed. 4/12/86 LAST NM 11/87		(14(109)87 Auckland) 27/87
	Add	Depths 159 fathoms 98 fathoms	26°06.2'S 179°25.0'W 26°10.7'S 179°28.5'W
76030	8Ed. 4/12/86 LAST NM 27/87		(37(2825)87 Taunton) 47/87
	Add	Depth 118 fathoms Legend "PD" to depth 98 fathoms "Rep (1951)"	21°32.0'S 178°52.0'W 21°37.0'S 178°56.0'W
76030	8Ed. 4/12/86 LAST NM 47/87		(MCNM8016/87) 30/88
	Delete	Depth 41 fathoms "Rep (1972)"	21°05'S 175°34'W
76030	8Ed. 4/12/86 LAST NM 30/88		(32(200)88 Auckland) 50/88
	Delete	Depths 221 fathoms 401 fathoms	21°35'S 175°13'W 19°14'S 174°16'W
	Add	Depths 40 fathoms 172 fathoms "Rep (1988)"	19°14'S 174°15'W 21°36'S 175°14'W
76030	8Ed. 4/12/86 LAST NM 50/88		(47(285)88 Auckland) 10/89
	Delete	Depths 73 fathoms "Rep (1969)" 61 fathoms "Rep (1976)"	30°38'S 178°32'W 30°42'S 178°27'W
	Substitute	Depth 38 fathoms for 64 fathoms	25°53.4'S 177°09.4'W
	Change	Legend to "Volcanic Activity (1988)"	25°57'S 177°14'W
	Add	Depth 38 fathoms	30°41.5'S 178°28.6'W
★76040	7Ed. 9/8/84	NEW EDITION	(DMAHTC; BA LL) 46/84
	Delete	R Bn (AERO)	35°01.8'S 173°14.5'E
	Change	Visible sectors of light to 000°-011° and 013°-263°	34°25.6'S 172°40.6'E
76040	7Ed. 9/8/84 LAST NM 46/84		(NZ CH 5113) 21/86
	Substitute	Depth 3.4 meters for 2 meters	34°47.4'S 173°19.5'E
★76041	1Ed. 12/13/80	NEW CHART	(DMAHTC) 11/81
76041	1Ed. 12/13/80 LAST NM 11/81		(35(177), 43(221), 45(236)81 Auckland) 3/82
	Add	Notes "MARINE FARMS Marine farms presenting a hazard to navigation may be encountered in inshore waters of Bay of Islands. These farms are generally marked by buoys, beacons and lights." beneath the compilation diagram near the chart title block	

(continued on next page)

76041 (Continued)
Add — "CHANGES IN BUOYAGE
Certain buoys, lights and beacons within the area of this chart are affected by the conversion to IALA Maritime Buoyage System in Region A-The Combined Cardinal and Lateral System (red to port). See Chart No. 1." beneath the compilation diagram near the chart title block

(And Plan A)
Change — Light to Fl WR 6s 13m 9/8M and add sectors white 239°30'-229°30', red-239°30' — 35°14'29"S 174°06'59"E

76041 1Ed. 12/13/80 LAST NM 3/82
Substitute — Isolated danger light: Fl(2) 6s 5m 2M for beacon — (28(161)82 Auckland) 45/82 — 35°11'51"S 174°03'56"E

76041 1Ed. 12/13/80 LAST NM 45/82
Change — Light to isolated danger light: Fl(2) 6s 2M — (15(94)83 Auckland; NVS6317/81) 28/83 — 35°14'14.0"S 174°13'06.0"E

Buoyage note in title block to "BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."

(And Plan A)
Change — Buoy to starboard buoy: G — 35°14'42.5"S 174°05'56.0"E

Lights to
(undesignated) Fl(3) G 10s 4m 3M — 35°15'50.5"S 174°05'36.0"E
"1" to Fl G 3s 4m — 35°15'50.2"S 174°06'06.0"E
"3" to Fl G 2½s 5m — 35°16'38.5"S 174°06'15.0"E

(Plan A)
Change — Light "7" to Fl G 2½s 4m — 35°18'04.5"S 174°06'30.5"E
Add — Designation "5" to light — 35°17'52.3"S 174°06'23.0"E

76041 1Ed. 12/13/80 LAST NM 28/83
(And Plan A)
Change — Light "1" to Fl G 3s 4M — (15(94)83 Auckland) 30/83 — 35°15'50.2"S 174°06'06.0"E

76041 1Ed. 12/13/80 LAST NM 30/83
Add — Obscured sector 074°-106° to light — (33(206)83 Auckland) 40/83 — 35°10'32"S 174°19'58"E

76041 1Ed. 12/13/80 LAST NM 40/83
Change — Characteristic of lights to Q(7) 5s — (38(248)83 Auckland) 50/83 — 35°11'51"S 174°03'56"E — 35°14'14"S 174°13'06"E

(See 28/83-76041)

76041 1Ed. 12/13/80 LAST NM 50/83
Add — Depth 18 meters "(Rep)" — (13(81P)85 Auckland) 35/85 — 35°11'37"S 174°13'04"E

76041 1Ed. 12/13/80 LAST NM 35/85
Add — Note beneath compilation diagram in title block "DREDGED AREAS
Dredged areas may not be regularly maintained. Mariners should contact the harbormaster for information on the latest depths." — (35(256)86 Auckland) 43/86

(Plan A)
Add — Legend "(See Note)" between — 35°16'05"S 174°06'10"E — 35°16'12"S 174°06'11"E

(Plan B)
Add — Legend "(See Note)" between — 35°18'41.8"S 174°07'15.0"E — 35°18'43.4"S 174°07'17.0"E

76041 1Ed. 12/13/80 LAST NM 43/86
(And Plan A)
Delete — Lights — (37(267)87 Auckland) 48/87 — 35°16.6'S 174°04.7'E — 35°17.0'S 174°04.4'E

(continued on next page)

76041	(Continued)		48/87
	Delete	Range line and legend "Lights in line 213°48'" in vicinity	35°15.0'S 174°08.1'E
	Change	Light to Dir WRG 9m 15M	35°16.3'S 174°05.0'E
76041	1Ed. 12/13/80 LAST NM 48/87 (And Plan A)		(41(297)87 Auckland) 49/87
	Change	Height of light to 12M (See 48/87-76041)	35°16.3'S 174°05.0'E
★**76050**	6Ed. 7/28/84	NEW EDITION	(DMAHTC) 42/84
76050	6Ed. 7/28/84 LAST NM 42/84		(44(270)84 Auckland) 10/85
	Add	Buoy, BYB, pillar, double cone topmark bases together, Q(3) 10s	36°36.5'S 174°55.3'E
76050	6Ed. 7/28/84 LAST NM 10/85		(19(110)85 Auckland) 37/85
	Substitute	Depth 15.4 meters Wk for 17 meters Wk (PA)	36°41.0'S 174°54.9'E
76050	6Ed. 7/28/84 LAST NM 37/85		(37(218)85 Auckland) 44/85
	Delete	R Bn	36°26.0'S 175°46.5'E
76050	6Ed. 7/28/84 LAST NM 44/85		(43(255)85 Auckland) 5/86
	Add	Light Fl 5s 57m 5M	36°49.5'S 175°12.0'E
76050	6Ed. 7/28/84 LAST NM 5/86		(38(271)86 Auckland) 48/86
	Delete	R Bn (AERO)	35°50.0'S 174°27.3'E
76050	6Ed. 7/28/84 LAST NM 48/86		(41(288)86 Auckland) 51/86
	Add	Foul ground symbol	36°36.8'S 175°07.1'E
76050	6Ed. 7/28/84 LAST NM 51/86		(43(308)86 Auckland) 3/87
	Delete	Depth 97 meters	35°44.0'S 174°41.6'E
	Add	Wrecks	35°44.0'S 174°41.6'E 35°46.2'S 174°43.2'E
76050	6Ed. 7/28/84 LAST NM 3/87		(2(34)87 Auckland) 15/87
	Add	Depth 3.4 meters	37°03.5'S 174°26.2'E
76050	6Ed. 7/28/84 LAST NM 15/87		(BA LL) 17/87
	Delete	Lights (Fl 4s) (Iso 4s)	37°03.5'S 174°32.2'E 37°03.2'S 174°32.3'E
76050	6Ed. 7/28/84 LAST NM 17/87		(25(179)87 Auckland) 38/87
	Substitute	Depth 0.9 meter Rk for 3.6 meters	36°10.3'S 175°03.3'E
	Add	Depth 6.8 meters	36°09.5'S 175°05.6'E
76050	6Ed. 7/28/84 LAST NM 38/87		(34(243)87 Auckland) 1/88
	Delete	HORN from light	36°36.3'S 174°54.8'E
76050	6Ed. 7/28/84 LAST NM 1/88		(49(354)87 Auckland) 6/88
	Change	Light to 2 FR (vert)	36°47.6'S 175°11.3'E
76050	6Ed. 7/28/84 LAST NM 6/88		(1(20)88 Auckland; BA LL) 14/88
	Delete	Range line and legend "Lts in line 77°00'" between	37°03.3'S 174°32.1'E 37°05.3'S 174°20.3'E
	Change	Height of light to 234m	37°03.2'S 174°32.7'E
76050	6Ed. 7/28/84 LAST NM 14/88		(7(60)88 Auckland) 24/88
	Delete	Depths 22 meters 28.5 meters	36°13.0'S 175°30.4'E 36°13.8'S 175°30.7'E
	Add	Depth 17.8 meters, rocky	36°13.2'S 175°30.3'E
76050	6Ed. 7/28/84 LAST NM 24/88		(50(308)88 Auckland) 12/89
	Delete	SIREN from light	36°46.9'S 174°49.5'E
★**76052**	6Ed. 3/17/84	NEW EDITION	(DMAHTC) 23/84

76052 6Ed. 3/17/84 LAST NM 23/84
Add — Buoy, BYB, pillar, double cone topmark bases together, Q(3) 10s

(Plan)
Change — Light to Fl(2) 4s 10m 14M

76052 6Ed. 3/17/84 LAST NM 10/85
Add — Depth 4.5 meters

Change — Buoy to BYB, pillar, double cone topmark bases together Q(3) 10s

76052 6Ed. 3/17/84 LAST NM 12/85
Add — Depth 20 meters

76052 6Ed. 3/17/84 LAST NM 13/85
(Plan)
Delete — Light

Depth 2.4 meters

Add — Light Oc R 6s 8m 3M
Depth 1.5 meters

76052 6Ed. 3/17/84 LAST NM 20/85
Add — Depth 15.4 meters Wk

76052 6Ed. 3/17/84 LAST NM 37/85
Relocate — Buoys (36°37′47″S 175°50′05″E) close NE to (36°37′22″S 175°50′52″E) close NE

76052 6Ed. 3/17/84 LAST NM 39/85
Relocate — Buoys (36°37′47″S 174°50′05″E) close NE to (36°37′22″S 174°50′52″E) close NE
(Cancels 39/85-76052)

76052 6Ed. 3/17/84 LAST NM 43/85
(Plan)
Delete — Depths 10.1 meters
10.6 meters

Substitute — Depth 10.4 meters for 11.7 meters

Change — Legend "S Sh" to "rky"

Add — Depths 12.0 meters
11.5 meters
10.8 meters
11.3 meters

76052 6Ed. 3/17/84 LAST NM 6/86
Substitute — Depth 3.6 meters for 4.9 meters

(Plan)
Delete — Light

76052 6Ed. 3/17/84 LAST NM 17/86
(Plan)
Delete — WHIS from light

Add — HORN to light

76052 6Ed. 3/17/84 LAST NM 35/86
(Plan)
Delete — Legend "Drdg 8.5 to 9.5m"
Dashed line joining

(38(244), 44(270)84 Auckland) 10/85

36°36′38″S 174°55′20″E

36°49′34″S 174°50′30″E

(NZ CH 5322) 12/85
36°49′24.1″S 174°49′07.8″E

36°49′09″S 174°49′13″E

(NZ CH 522) 13/85
36°26′25″S 174°53′52″E

(3(25)85 Auckland; BA LL) 20/85

36°50′43″S 174°48′55″E

36°50′45″S 174°48′53″E

36°50′43.8″S 174°48′55.5″E
36°50′45.0″S 174°48′53.8″E

(19(110)85 Auckland) 37/85
36°41′13″S 174°55′06″E

(25(140)85 Auckland) 39/85

36°37′42″S 175°50′22″E

36°37′10″S 175°51′09″E

(25(140)85 Auckland) 43/85

36°37′42″S 174°50′22″E

36°37′10″S 174°51′09″E

(41(238)85 Auckland; NZ CH 5322) 6/86

36°50′31″S 174°46′48″E
36°50′08″S 174°46′10″E

36°50′38″S 174°46′52″E

36°50′09″S 174°46′10″E

36°50′07″S 174°46′07″E
36°50′08″S 174°46′13″E
36°50′19″S 174°46′07″E
36°50′30″S 174°46′49″E

(9(74), 6(52)86 Auckland) 17/86
36°48.15′S 174°55.10′E

36°50.58′S 174°46.20′E

(23(170)86 Auckland) 35/86

36°50′35″S 174°46′49″E

36°50′31″S 174°46′35″E

(24(173)86 Auckland) 36/86

38°50′32″S 174°46′24″E
38°50′36″S 174°46′20″E
38°50′35″S 174°46′19″E
38°50′29″S 174°46′26″E
38°50′30″S 174°46′27″E

(continued on next page)

76052 (Continued)

Add — Land tint area bound by shore and solid line joining — 36/86
38°50'30.4"S 174°46'27.3"E
38°50'30.0"S 174°46'22.1"E
38°50'35.5"S 174°46'20.0"E

76052 6Ed. 3/17/84 LAST NM 36/86
(Plan)
Relocate — Light close SW to — (27(190)86 Auckland) 38/86
36°50'36.7"S 174°46'47.5"E

76052 6Ed. 3/17/84 LAST NM 38/86
(Plan)
Add — Solid line (pier extension) joining — (33(241)86 Auckland) 40/86
36°49'59.1"S 174°47'09.6"E
36°50'02.0"S 174°47'08.2"E
36°50'00.0"S 174°46'56.5"E

76052 6Ed. 3/17/84 LAST NM 40/86
(Plan)
Add — Legends "(See Note)" — (35(258)86 Auckland) 43/86
36°50'27"S 174°46'27"E
36°48'43"S 174°49'40"E

Note
"DREDGED AREAS
Dredged areas, Rangitoto channel and wharves in Commerical Harbor, may not be regularly maintained. Mariners should contact the harbormaster for information on the latest depths.
36°47'36"S 174°44'00"E

76052 6Ed. 3/17/84 LAST NM 43/86
(Plan)
Delete — Purple dashed line joining — (37(266)86 Auckland) 45/86
36°49'48"S 174°46'52"E
36°49'54"S 174°46'48"E
36°50'05"S 174°47'16"E
36°49'58"S 174°47'28"E

Legends "PROHIBITED AREA"
36°49'57"S 174°47'00"E
36°49'28"S 174°46'50"E

Add — Purple composite line joining
36°49'46.1"S 174°46'52.4"E
36°49'53.3"S 174°46'50.7"E
36°50'02.0"S 174°46'56.9"E
36°50'03.8"S 174°47'08.0"E
36°50'03.0"S 174°47'17.1"E
36°49'57.5"S 174°47'26.0"E

Legends "Defense Area (see Note)"
36°50'00.0"S 174°47'03.0"E
36°49'22.0"S 174°46'57.0"E

Note
"DEFENSE AREAS
No person or vessel shall enter or remain in a Defense Area when restrictions imposed under Part IV of the New Zealand Defence Regulations 1972 are enforced by the Commodore, Auckland, Royal New Zealand Navy or other authorized person."
36°48'24.0"S 174°44'00.0"E

76052 6Ed. 3/17/84 LAST NM 45/86
Add — Foul ground symbol — (41(288)86 Auckland) 51/86
36°37'05"S 175°07'00"E

76052 6Ed. 3/17/84 LAST NM 51/86
Add — Light 3 F RRY (vert) — (45(322)86 Auckland) 5/87
36°50'30.2"S 174°46'22.7"E

76052 6Ed. 3/17/84 LAST NM 5/87
(Plan)
Delete — Depth 9.9 meters — (46(330 para 4)86 Auckland) 6/87
36°50'28"S 174°46'18"E

Add — Depths 12 meters
11 meters
36°50'28.5"S 174°46'17.5"E
36°50'24.1"S 174°46'21.3"E

76052 6Ed. 3/17/84 LAST NM 6/87
(Plan)
Add — Anchorage symbol with legend "Barges" — (3(39)87 Auckland) 11/87
36°48'51"S 174°50'33"E

76052	6Ed. 3/17/84 LAST NM 11/87		(32(227)87 Auckland) 47/87
		(Plan)	
	Add	Lights 2 FR (vert)	36°50'02.0"S 174°47'08.2"E
		2 FG (vert)	36°50'00.0"S 174°46'56.5"E
76052	6Ed. 3/17/84 LAST NM 47/87		(38(276)87 Auckland) 48/87
		(Plan)	
	Delete	Anchoring prohibited area	36°49.4'S 174°51.1'E
76052	6Ed. 3/17/84 LAST NM 48/87		(34(243)87 Auckland) 1/88
	Delete	HORN from light	36°36.4'S 174°53.8'E
76052	6Ed. 3/17/84 LAST NM 1/88		(49(353, 354)87 Auckland) 6/88
	Change	Light to 2 FR (vert) 2M	36°47.7'S 175°11.3'E
		(Plan)	
	Delete	Buoy	36°50.0'S 174°44.8'E
	Add	Buoys Y, spherical	36°49'48.5"S 174°45'59.5"E
			36°50'03.0"S 174°44'48.0"E
76052	6Ed. 3/17/84 LAST NM 6/88		(18(135)88 Auckland) 36/88
		(Plan)	
	Substitute	Position circle "Bn" for light and delete SIREN	36°49'52"S 174°46'49"E
76052	6Ed. 3/17/84 LAST NM 36/88		(26(179), 28(187), 29(191)88 Auckland) 48/88
	Add	Light Fl WR 3s 5m 5/3M	36°37'36"S 174°47'09"E
		(Plan)	
	Delete	Lights	36°50'36"S 174°46'34"E
			36°50'42"S 174°46'53"E
		Dashed line between	36°50'09"S 174°48'25"E
			36°50'03"S 174°47'51"E
	Add	Dashed line joining	36°50'08.8"S 174°48'25.2"E
			36°50'09.7"S 174°47'55.5"E
			36°50'04.0"S 174°47'49.3"E
76052	6Ed. 3/17/84 LAST NM 48/88		(49(294)88 Auckland; BA LL) 10/89
		(Plan)	
	Delete	Range line and legend "Lights in line 142°30'" between	36°50'45"S 174°51'39"E
			36°47'09"S 174°48'11"E
	Change	Sectors of light to QG 139°36'-140°36', Oc G-141°36', Oc W-142°36', Oc R-143°48', QR-145°00'	36°50'45"S 174°51'39"E
	Add	Range line from rear light dashed for 4100 meters, thence solid for 4300 meters	36°50'45"S 174°51'39"E
		Legend "Lights in line 142°09'" along above range line	36°48'09"S 174°49'08"E
76052	6Ed. 3/17/84 LAST NM 10/89		(50(308)88 Auckland) 12/89
		(And Plan)	
	Delete	SIREN from light	36°47'01"S 174°49'20"E
76052	6Ed. 3/17/84 LAST NM 12/89		(49(294)88 Auckland) 16/89
		(Plan)	
	Add	Range line extending in 322°09' direction from rear light dashed for 4100 meters, thence solid for 4300 meters (See 10/89-76052)	36°50'45"S 174°51'39"E
76052	6Ed. 3/17/84 LAST NM 16/89		(12(84)89 Auckland) 24/89
		(Plan)	
	Change	Legend to "Drdg 9 to 11m (1989)"	36°50'33"S 174°45'56"E
★76054	5Ed. 1/19/85	NEW EDITION	(DMAHTC; 1(22)82 Auckland) 14/85
	Substitute	Depth 13 fathoms for 14 fathoms	37°35.70'S 176°26.25'E
	Add	R Bn (AERO) to position circle	37°40.25'S 176°11.85'E

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76054	5Ed. 1/19/85 LAST NM 14/85		
	Add	Depth 36 fathoms	(42(249)85 Auckland) 6/86 36°40.8'S 175°59.7'E
76054	5Ed. 1/19/85 LAST NM 6/86		
	Add	Wreck with legend "(Marked by buoys)"	(30(223)86 Auckland) 38/86 37°36.0'S 176°18.7'E
76054	5Ed. 1/19/85 LAST NM 38/86		
	Delete	Wreck and legend "(Marked by buoys)" (Supersedes 38/86-76054)	(33(243)86 Auckland) 40/86 37°36.0'S 176°18.7'E
76054	5Ed. 1/19/85 LAST NM 40/86		
	Delete	Depths 6 fathoms 6 fathoms	(40(281)86 Auckland) 50/86 37°36.1'S 176°10.2'E 37°36.1'S 176°10.5'E
	Add	Depth 5½ fathoms	37°36.1'S 176°10.3'E
76054	5Ed. 1/19/85 LAST NM 50/86		
	Delete	Buoy	(28(188)88 Auckland) 48/88 37°36.4'S 176°10.5'E
	Add	Light Q 5M	37°36'22"S 176°10'36"E
76054	5Ed. 1/19/85 LAST NM 48/88		
	Add	"Spoil Ground" area bound by dashed line joining	(37(224)88 Auckland) 53/88 37°37.1'S 176°12.4'E 37°36.8'S 176°12.4'E 37°36.8'S 176°12.0'E 37°37.1'S 176°12.0'E
★76056	2Ed. 2/9/85	NEW EDITION	(DMAHTC; NZ CH 5213; BA LL) 16/85
		(Plan)	
	Delete	Legend "Qk Fl G"	35°45'03"S 174°21'02"E
		Depth 9.1 meters	35°49'31"S 174°28'40"E
		12.8 meters	35°49'19"S 174°28'25"E
	Relocate	Legend "Lights in line 115°21'" close SE to	35°47'58"S 174°25'13"E
	Substitute	Depth 24 meters for 25 meters	35°51'21"S 174°31'24"E
	Change	Characteristic of light to FR	35°49'51"S 174°30'08"E
		Period of light to 5s	35°49'07"S 174°27'46"E
		Legend to "311°21'"	35°47'12"S 174°24'05"E
		Lights, each to 2 FR (vert)	35°50'14"S 174°30'03"E 35°50'08"S 174°29'52"E 35°50'06"S 174°29'26"E 35°50'04"S 174°29'21"E
		Lights to Q 5m	35°46'40"S 174°22'08"E
		2 FG (vert)	35°48'04"S 174°20'50"E
		FR, 2 FG (vert)	35°48'10"S 174°20'47"E
		QG	35°45'12"S 174°21'03"E
		QG	35°45'06"S 174°21'07"E
	Add	Depths 20.6 meters	35°50'30"S 174°31'06"E
		8.4 meters	35°49'34"S 174°28'35"E
		11 meters	35°49'25"S 174°28'34"E
		11.7 meters	35°49'16"S 174°28'17"E
		12.5 meters	35°48'59"S 174°27'49"E
		Lights, each 2 Fk (vert)	35°45'29"S 174°21'00"E 35°45'25"S 174°21'00"E
76056	2Ed. 2/9/85 LAST NM 16/85		
	Delete	Position circle "CHYS"	(15(93)85 Auckland) 21/85 35°50.3'S 174°29.6'E
	Change	Legend "(Red Lts)" at position circle to "CHY"	35°50.5'S 174°29.6'E
		(Plan)	
	Delete	Position circle "FLARE CHY 62"	35°50'21"S 174°29'40"E
		Legend "(Red Lts)" from position circle	35°50'27"S 174°29'40"E
	Add	Position circle "FLARE, CHY 97"	35°50'46"S 174°29'30"E
		"CHY 124"	35°50'36"S 174°29'36"E
76056	2Ed. 2/9/85 LAST NM 21/85		(19(144)86 Auckland) 28/86
	Substitute	Bn, orange, for light	35°51'03"S 174°30'41"E

(continued on next page)

76056 (Continued)
Change — Light to Dir Oc WRG 5s,
Al Oc WRG 5s 22m 10/7M
with sectors Oc G 311°35′-319°05′,
Al Oc WG-320°05′, Oc W-321°05′,
Al Oc WR-322°05′, Oc R-329°35′

Legend to "Bns in line 320°35′"

35°50′21″S 174°29′58″E

35°53′19″S 174°33′00″E

(22(162)86 Auckland) 35/86

76056 2Ed. 2/9/85 LAST NM 28/86
(Plan Whangarei Harbor)
Add — Buoy, YB,
double cone topmark points downward

35°48′58″S 174°29′33″E

Buoy, YBY,
double cone topmark points together

35°47′54″S 174°28′12″E

(26(181)86 Auckland) 40/86

76056 2Ed. 2/9/85 LAST NM 35/86
(Plan)
Relocate — Light "K19" close S to

35°45′15″S 174°21′03″E

Change — Designation of light "K21" to "K23"

35°45′05″S 174°21′07″E

Add — Light "K21" QG

35°45′08″S 174°21′05″E

Designations to lights "K25"

35°45′01″S 174°21′06″E

"K27"

35°44′58″S 174°21′02″E

(35(257)86 Auckland) 43/86

76056 2Ed. 2/9/85 LAST NM 40/86
(Plan)
Add — Legends "(See Note)" between

35°48′30″S 174°26′34″E
35°48′34″S 174°26′45″E

between

35°47′20″S 174°24′12″E
35°47′28″S 174°24′22″E

between

35°45′40″S 174°21′03″E
35°45′50″S 174°21′04″E

Note
"DREDGED AREAS
Dredged areas may not be regularly maintained. Mariners should contact the harbormaster for information on the latest depths."

35°48′00″S 174°31′30″E

(49(355, 356)86 Auckland) 9/87

76056 2Ed. 2/9/85 LAST NM 43/86
(And Plan)
Add — Position circle "Sig Sta"

35°50′18″S 174°29′23″E

(Plan)
Add — Legend "Shoaling Rep (1986)" between

35°48′26″S 174°26′34″E
35°48′34″S 174°26′54″E

(41(296)87 Auckland) 49/87

76056 2Ed. 2/9/85 LAST NM 9/87
(Plan)
Change — Height of light to 8m
Bn to beacon R, can topmark,
QR 5m 1M

35°49.5′S 174°27.9′E

35°47.3′S 174°27.6′E

★76060 6Ed. 5/19/84 NEW EDITION

(DMAHTC; 13(94)84 Auckland; BA LL) 44/84

Change — Lights to L Fl(2) 20s 31m 12M
FR 7m 12M
FR 13m 12M
Dir FWRG 26m 17-15M
Iso 4s 189m 7M
Oc 6s 234m 8M

38°10.0′S 174°42.1′E
37°48.2′S 174°51.7′E
37°48.2′S 174°52.2′E
37°48.2′S 174°52.5′E
37°03.3′S 174°32.4′E
37°03.2′S 174°32.8′E

Add — Anchorage symbol (large vessels)

38°09.8′S 174°37.8′E

76060 6Ed. 5/19/84 LAST NM 44/84
Change — Period of light to 30s

(8(48)85 Auckland) 13/85
39°16.7′S 173°45.2′E

76060 6Ed. 5/19/84 LAST NM 13/85
Change — Light to FWR 29m 12/10M
and white sector to 057°-132°
Note: Red sector unchanged

(27(191)86 Auckland) 36/86

39°22.3′S 173°46.8′E

76060 6Ed. 5/19/84 LAST NM 36/86
Add — Depth 3.4 meters

(2(34)86 Auckland) 15/87
37°03.5′S 174°26.2′E

76060	6Ed. 5/19/84 LAST NM 15/87		(BA LL) 17/87
	Delete	Lights (Fl 4s)	37°03.5'S 174°32.5'E
		(Iso 4s)	37°03.2'S 174°32.6'E
76060	6Ed. 5/19/84 LAST NM 17/87		(1(20), 2(31)88 Auckland; BA LL) 14/88
	Delete	Buoy (mooring)	38°06.7'S 174°42.0'E
		Range line and legend "Lts in line 77°00'" between	37°03.2'S 174°32.8'E 37°05.1'S 174°22.6'E
	Change	Visibility (range) of light to 12M	37°03.2'S 174°32.8'E
76060	6Ed. 5/19/84 LAST NM 14/88		(8(64)88 Auckland) 21/88
	Add	Depth 6.6 meters	37°03.3'S 174°25.6'E
76060	6Ed. 5/19/84 LAST NM 21/88		(22(158)88 Auckland) 48/88
	Substitute	Depth 5.4 meters for 6.6 meters (See 21/88-76060)	37°03.3'S 174°25.6'E
★76061	1Ed. 8/18/84	NEW CHART	(DMAHTC) 44/84
76061	1Ed. 8/18/84 LAST NM 44/84		(8(48)85 Auckland) 13/85
	Change	Period of light to 30s	39°16.5'S 173°45.3'E
76061	1Ed. 8/18/84 LAST NM 13/85		(27(191)86 Auckland) 36/86
	Change	Light to FWR 29m 12/10M and add sectors red shore-057°, white-132°	39°22.2'S 173°46.8'E
76061	1Ed. 8/18/84 LAST NM 36/86 (Plan)		(31(233)86 Auckland) 38/86
	Change	Light to Fl(3) G 10s 13m 10M	39°03'08"S 174°02'31"E
76061	1Ed. 8/18/84 LAST NM 38/86 (Plan)		(46(348)86 Auckland) 4/87
	Add	Legend "(see Note)"	39°03'20"S 174°02'28"E
		Note "DREDGED AREAS Dredged areas may not be regularly maintained. Mariners should contact the harbormaster for information on the latest depths."	39°04'00"S 174°06'36"E
76061	1Ed. 8/18/84 LAST NM 4/87 (Plan)		(49(355)87 Auckland) 6/88
	Delete	Buoy	39°03'31"S 174°02'25"E
	Add	Buoy R, spar, Fl R 2s	39°03'29.0"S 174°02'27.0"E
76061	1Ed. 8/18/84 LAST NM 6/88 (Plan)		(45(272)88 Auckland) 10/89
	Delete	Depths 14 meters	39°03'07"S 174°02'37"E
		9.7 meters	39°03'09"S 174°02'34"E
	Add	Depths 7 meters	39°03'05.2"S 174°02'33.5"E
		10.3 meters	39°03'05.0"S 174°02'40.0"E
		4.5 meters	39°03'09.0"S 174°02'36.3"E
		7 meters	39°03'10.7"S 174°02'49.0"E
		2.4 meters	39°03'12.2"S 174°02'32.9"E
		Legend "Shoaling (1988)"	32°03'07.0"S 174°02'44.0"E
76061	1Ed. 8/18/84 LAST NM 10/89 (Plan)		(45(272)88 Auckland) 16/89
	Add	Legend "Shoaling (1988)" (See 10/89-76061)	39°03'07.0"S 174°02'44.0"E
★76070	7Ed. 5/28/83	NEW EDITION	(DMAHTC; BA LL) 31/83
	Delete	Dangerous wreck (Previously published 12/83)	39°57.2'S 174°58.9'E
	Change	Visibility (range) of light to 27M	40°40.0'S 173°59.9'E

76070	7Ed. 5/28/83 LAST NM 31/83		
	Change	Visibility (range) of lights to	8/5M 10/7M 26M
76070	7Ed. 5/28/83 LAST NM 35/83		
	Add	Buoy (wave rider), yellow spherical, Fl(5) Y 20s (PA)	
76070	7Ed. 5/28/83 LAST NM 50/83		
	Delete	Depth 7.8 meters	
	Substitute	Depth 7.8 meters for	8.2 meters
76070	7Ed. 5/28/83 LAST NM 53/83		
	Change	Visibility (range) of lights to	12/9M
76070	7Ed. 5/28/83 LAST NM 28/84		
	Change	Light to	Q(2) 20s 183m 27M R Bn
76070	7Ed. 5/28/83 LAST NM 40/84		
	Change	Visibility (range) of light to	5M
76070	7Ed. 5/28/83 LAST NM 10/85		
	Substitute	Depth 7 meters "Rep (1970)" for	13.4 meters
	Change	Period of light to	30s
76070	7Ed. 5/28/83 LAST NM 13/85		
	Substitute	Depth 9.3 meters for	11.9 meters
76070	7Ed. 5/28/83 LAST NM 35/85		
	Substitute	Swept depth 9.1 meters for	swept depth 10 meters
	Add	Depth 16.7 meters	
76070	7Ed. 5/28/83 LAST NM 49/85		
	Add	Rock which covers and uncovers	
76070	7Ed. 5/28/83 LAST NM 6/86		
	Add	Pilot station symbols	
76070	7Ed. 5/28/83 LAST NM 7/86		
	Add	Light Fl WR 5s 47ft 5/4M with sectors white 124°-139°, red-124°	
76070	7Ed. 5/28/83 LAST NM 12/86		
	Change	Period of light to	15s
76070	7Ed. 5/28/83 LAST NM 20/86		
	Change	Light to	Fl(2) 20s 79m 26M
76070	7Ed. 5/28/83 LAST NM 28/86		
	Change	Lights to	FWR 29m 12/10M and sectors to red 342°-057°, white-132°
			Iso WR 6s 37m 12/10M and sectors to white 347°-062°, red-137°
76070	7Ed. 5/28/83 LAST NM 36/86		
	Delete	Dangerous submerged rock	
		Depth 5.2 meters	
	Substitute	Depths 15.2 meters for	7.3 meters
			7.3 meters for 7.9 meters

(BA LL) 35/83
40°58.7'S 173°45.7'E
40°55.6'S 173°50.2'E
41°06.3'S 174°26.5'E

(40(261)83 Auckland) 50/83

39°33.3'S 173°25.7'E

(1(21)82 Auckland) 53/83
39°50.5'S 174°31.8'E

39°52.2'S 174°33.0'E

(BA LL) 28/84
39°22.1'S 173°46.8'E
39°25.8'S 173°49.2'E

(32(207)84 Auckland) 40/84
40°40.0'S 173°59.9'E

(36(237)84 Auckland) 10/85
41°21.3'S 174°07.2'E

(NZ CH 61; 8(48)85 Auckland) 13/85

40°57.3'S 173°44.1'E

39°16.7'S 173°45.2'E

(13(79)85 Auckland) 35/85
41°03.6'S 174°25.0'E

(NZ CH 46) 49/85

40°52.1'S 174°17.7'E

39°51.5'S 174°16.3'E

(40(233)85 Auckland) 6/86
40°44.5'S 173°55.0'E

(33(186, 187)85 Auckland) 7/86
39°54.1'S 174°36.1'E
39°57.2'S 174°57.4'E

(5(45)86 Auckland) 12/86

41°04.7'S 173°39.9'E

(13(102)86 Auckland) 20/86
41°43.8'S 174°16.7'E

(18(137)86 Auckland) 28/86
41°36.7'S 175°17.4'E

(27(191)86 Auckland) 36/86

39°22.0'S 173°46.8'E

39°25.7'S 173°49.2'E

(32(179, 180)85 Auckland) 39/86
41°32.1'S 175°11.3'E
41°37.6'S 175°16.3'E

41°34.4'S 174°10.0'E

41°38.1'S 175°16.5'E
41°36.5'S 174°11.3'E

SUBREGIONS

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(continued on next page)

76070	(Continued)		
	Add	Depths 2.7 meters	39/86 41°37.3'S 175°16.2'E
		26 meters	41°37.4'S 175°13.2'E
		11.9 meters	41°37.9'S 175°15.8'E
		67 meters	41°39.5'S 174°24.1'E
		84 meters	41°30.5'S 174°06.2'E
		9.9 meters	41°37.2'S 174°11.5'E
		11.4 meters	41°35.8'S 174°11.6'E
		18.2 meters	41°35.8'S 174°13.5'E
		4 meters	41°34.4'S 174°09.6'E
76070	7Ed. 5/28/83 LAST NM 39/86		
	Substitute	Depth 8.4 meters for 84 meters (See 39/86-76070)	(32(180)85 Auckland) 46/86 41°30.5'S 174°06.2'E
76070	7Ed. 5/28/83 LAST NM 46/86		
	Substitute	Depth 8.8 meters for 26 meters	(41(290)86 Auckland) 51/86 41°21.5'S 174°45.1'E
	Add	Depth 4.3 meters	41°21.5'S 174°44.3'E
76070	7Ed. 5/28/83 LAST NM 51/86		
	Delete	Light	(1(21)87 Auckland) 9/87 40°52.0'S 175°01.3'E
76070	7Ed. 5/28/83 LAST NM 9/87		
	Add	Depth 47 meters Wk	(19(139)87 Auckland) 29/87 41°23.5'S 174°47.4'E
76070	7Ed. 5/28/83 LAST NM 29/87		
	Substitute	Depth 5.5 meters for 7 meters "Rep (1970)"	(23(165, 166)87 Auckland) 38/87 40°57.3'S 173°44.1'E
	Change	Light to Fl R 3s 4m 1M	40°54.3'S 173°50.3'E
76070	7Ed. 5/28/83 LAST NM 38/87		
	Delete	Range lights, range lines, and legend "Lts in line 355°33'" between	(11(87)88 Auckland) 21/88 39°49.3'S 174°35.7'E 39°57.3'S 174°36.5'E
		"312°03'" between	39°49.1'S 174°33.9'E 39°54.0'S 174°41.0'E
		Position circle "HORN"	39°49.6'S 174°36.5'E
		Buoy	39°50.9'S 174°35.9'E
		Pilot station symbol	39°54.1'S 174°36.1'E
		Anchoring and Fishing Prohibited area centered	39°50.5'S 174°35.8'E
76070	7Ed. 5/28/83 LAST NM 21/88		
	Delete	Buoy (waverider)	(46(282)88 Auckland) 10/89 39°33.3'S 173°25.7'E
	Add	Buoy (mooring) Fl(5) Y 10s	39°32.8'S 173°27.0'E
76070	7Ed. 5/28/83 LAST NM 10/89		
	Change	Characteristic of buoy (mooring) to Fl(3) Y 10s (See 10/89-76070)	(3(27)89 Auckland) 12/89 39°32.8'S 173°27.0'E
★**76071**	9Ed. 1/28/89	NEW EDITION	(DMAHTC) 16/89
★**76080**	7Ed. 1/8/83	NEW EDITION	(DMAHTC; BA LL) 11/83
	Change	Visibility (range) of light (Al Fl WRG) to 14-11M	41°16.1'S 173°15.4'E
		Visibility (range) of light (FWRG) to 11-8M	41°43.7'S 171°34.8'E
		Note to "BUOYAGE" IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	41°38.1'S 173°07.1'E
	Add	Period 20s to light	41°12.3'S 173°19.3'E

76080	7Ed. 1/8/83 LAST NM 11/83		(BA LL) 34/83
	Change	Visibility (range) of lights to 27/17M	40°32.8'S 173°00.5'E
		15/8M	41°12.3'S 173°19.3'E
		27M	40°39.9'S 174°00.0'E
76080	7Ed. 1/8/83 LAST NM 34/83		(44(285)83 Auckland) 51/83
	Relocate	Light close NE to and change to Fl R 5s 19ft 6M	40°49.3'S 172°53.9'E
76080	7Ed. 1/8/83 LAST NM 51/83		(48(316)83 Auckland) 2/84
	Add	Pilot station symbol	41°12.6'S 173°14.4'E
76080	7Ed. 1/8/83 LAST NM 2/84		(25(162)84 Auckland) 32/84
	Change	Characteristic of light to Fl WR 15s	40°32.8'S 173°00.5'E
76080	7Ed. 1/8/83 LAST NM 32/84		(32(207)84 Auckland) 40/84
	Change	Light to Q(2) 20s 600ft 27M R Bn	40°40.0'S 173°59.9'E
76080	7Ed. 1/8/83 LAST NM 40/84		(31(172)85 Auckland) 38/85
	Add	Pilot station symbol	41°41.3'S 171°34.9'E
76080	7Ed. 1/8/83 LAST NM 38/85		(5(45)86 Auckland) 12/86
	Add	Light Fl WR 5s 47ft 5/4M with sectors white 124°-139°, red-124°	41°04.7'S 173°39.9'E
76080	7Ed. 1/8/83 LAST NM 12/86		(28(203)86 Auckland) 40/86
	Add	Radar station	41°44.4'S 171°35.4'E
76080	7Ed. 1/8/83 LAST NM 40/86		(23(166)87 Auckland) 38/87
	Substitute	Depth 3 fathoms for 3 fathoms 4 feet	40°57.4'S 173°44.0'E
76080	7Ed. 1/8/83 LAST NM 38/87		(44(268)88 Auckland) 53/88
	Change	Light to Fl(2) WR 15s 74ft 7M	40°57.0'S 173°04.0'E
★76081	6Ed. 8/25/84	NEW EDITION	(DMAHTC; BA LL, 120/80, 57/83 Auck; NVS6317/81) 45/84
	Change	Lights to	
		Fl 10s 258ft 26M, 2 FR R Bn	41°06'18"S 174°27'24"E
		Fl(3) 10s 95ft 5M	41°14'39"S 174°11'04"E
		Fl G 3s	41°15'33"S 173°50'45"E
	Add	Light symbols	41°[illegible]'S 173°48'16"E
			41°[illegible]'19"S 174°03'36"E
		Note to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."	41°20'30"S 173°46'00"E
76081	6Ed. 8/25/84 LAST NM 45/84		(36(237), 39(248)84 Auckland) 10/85
	Change	Visibility (range) of light to 5M	41°21.1'S 174°08.6'E
	Add	Light Fl R 10s 10ft 3M	41°09'21"S 174°13'06"E
76081	6Ed. 8/25/84 LAST NM 10/85		(13(79)85 Auckland) 35/85
	Delete	Dangerous rock awash	41°02'52"S 174°26'23"E
		Depths 41 fathoms	41°02'40"S 174°26'24"E
		6½ fathoms and legend "rky"	41°03'24"S 174°25'59"E
	Add	Rock "Uncov 3 ft"	41°02'45"S 174°26'25"E
		Depth 5 fathoms, rocky	41°03'33"S 174°25'47"E
76081	6Ed. 8/25/84 LAST NM 35/85		(42(248)85 Auckland) 5/86
	Add	Light Fl 5s 5M	41°14.5'S 173°52.7'E
76081	6Ed. 8/25/84 LAST NM 5/86		(33(188)85 Auckland) 7/86
	Add	Pilot station symbol	41°06.3'S 174°18.4'E
76081	6Ed. 8/25/84 LAST NM 7/86		(5(45)86 Auckland) 12/86
	Add	Light Fl WR 5s 47ft 5/4M with sectors white 124°-139°, red-124°	41°04.8'S 173°41.1'E
76081	6Ed. 8/25/84 LAST NM 12/86		(7(61, 65)86 Auckland) 15/86
	Change	Light to Fl 10s 5M	41°09.0'S 173°53.6'E
	Add	Purple dashed line between	40°59.2'S 174°15.1'E
			40°59.6'S 174°20.2'E

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76081 (Continued)
Add — Legend "Prohibited Area (See Note A)" — 15/86 40°59.9'S 174°18.0'E

Note
"NOTE A
Vessels requiring to navigate within the waters of Port Gore should apply to the Marlborough Harbor Board for a permit." — 41°19.2'S 173°41.4'E

Dangerous wreck — 41°03.6'S 174°13.6'E

76081 6Ed. 8/25/84 LAST NM 15/86
Add — Light Fl 10s 5M — (10(80)86 Auckland) 18/86 41°05.75'S 173°48.33'E

76081 6Ed. 8/25/84 LAST NM 18/86
Delete — Islets — (20(150)86 Auckland) 27/86
41°07.20'S 174°26.82'E
41°07.25'S 174°26.83'E
41°06.95'S 174°27.10'E
41°06.98'S 174°27.18'E
41°07.00'S 174°27.30'E
41°07.04'S 174°27.35'E

76081 6Ed. 8/25/84 LAST NM 27/86
Delete — Dangerous wreck (See 15/86-76081) — (42(296)86 Auckland) 51/86 41°03.6'S 174°13.6'E

Add — Dangerous wreck — 41°03'06"S 174°13'20"E

76081 6Ed. 8/25/84 LAST NM 51/86
Add — Dangerous submerged rock — (46(351)86 Auckland) 4/87 41°06.50'S 174°19.22'E
Dashed line between — 41°04.68'S 174°16.80'E
41°07.22'S 174°22.00'E
Legend "Pilotage Limit" — 41°06.00'S 174°19.30'E

76081 6Ed. 8/25/84 LAST NM 4/87
Substitute — Depth 3 fathoms for $3\frac{1}{4}$ fathoms "Rep (1970)" — (23(166)87 Auckland) 38/87 40°57.4'S 173°45.0'E

76081 6Ed. 8/25/84 LAST NM 38/87
Substitute — Depth $4\frac{1}{4}$ fathoms for $5\frac{1}{4}$ fathoms — (46(356)87 Auckland) 6/88 40°57.8'S 173°46.4'E

★**76083** 2Ed. 12/10/83 — NEW EDITION — (DMAHTC; NVS6371/81; BA LL) N12/84
Change — Note to
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1." — 41°13.2'S 173°21.5'E

(Plan)
Delete — Lights — 41°15'50.4"S 173°16'06.7"E
41°15'42.9"S 173°16'18.7"E

76083 2Ed. 12/10/83 LAST NM 12/84 — (43(309)86 Auckland) N3/87
(Plan)
Add — Legends "(see Note)" — 41°15.38'S 173°15.01'E
41°15.81'S 173°15.29'E
41°15.92'S 173°15.93'E
41°15.63'S 173°16.27'E
41°15.59'S 173°16.61'E

Note
"Dredged Areas
Dredged areas may not be regularly maintained. Mariners should contact the harbormaster for information on the latest depths." — 41°16.36'S 173°1o.48'E

76083 2Ed. 12/10/83 LAST NM 3/87 — (NZ CH 6142) N5/87
(Plan)
Add — Chartlet, depicting changes in hydrography, from back of Section I — 41°15.78'S 173°16.27'E

76083 2Ed. 12/10/83 LAST NM 5/87 — (43(309)86 Auckland) N6/87
(Plan)
Add — Legend "(see Note)" (See N5/87-76083) — 41°15.76'S 173°16.29'E

76083	2Ed. 12/10/83 LAST NM 6/87		(28(195)87 Auckland) N43/87
	Add	Position circle "Radio mast (conspic)"	41°12.06'S 173°73.08'E
76083	2Ed. 12/10/83 LAST NM 43/87		(28(195)87 Auckland) N50/87
	Add	Position circle "Radio mast (conspic)" (Cancels N43/87-76083)	41°12.06'S 173°23.08'E
76083	2Ed. 12/10/83 LAST NM 50/87	(Plan)	(3(38)88 Auckland) N14/88
	Delete	Light	41°15'52"N 173°16'06"E
76083	2Ed. 12/10/83 LAST NM 14/88		(NZ CH 6142) N24/88
	Add	Purple-dashed line greater arc of a circle, radius 3 miles, centered	41°15.38'S 173°15.90'E
		arc between	41°17.30'S 173°12.82'E 41°13.15'S 173°18.60'E
		Legend "Pilotage Limit"	41°12.60'S 173°15.00'E
		Purple-dashed line lesser arc of a circle, radius 4.97 miles, centered	41°17.13'S 173°11.84'E
		arc between	41°12.18'S 173°11.00'E 41°14.40'S 173°18.58'E
		Legend "Harbour Limit"	41°12.22'S 173°12.50'E
		Pilot station symbol	41°12.90'S 173°14.45'E
		Dashed-line circle, radius 0.35 mile, with legend "Spoil Ground, centered	41°15.00'S 173°13.30'E
		Anchorage symbol (large vessels)	41°13.40'S 173°14.80'E
		Quarantine anchorage symbol	41°13.40'S 173°14.90'E
*76090	5Ed. 2/28/76	NEW EDITION	(DMAHC) 19/76
76090	5Ed. 2/28/76 LAST NM 19/76	(And Plan A)	(BA LL) 35/83
	Change	Visibility (range) of light to 14M	41°44'36"S 171°27'42"E
76090	5Ed. 2/28/76 LAST NM 35/83		(4(29, 30)85 Auckland) 35/85
	Delete	Depths $3\frac{1}{4}$a fathoms	41°42'57"S 171°34'56"E
		5 fathoms	41°43'05"S 171°34'39"E
	Add	Depths $2\frac{1}{4}$a fathoms	41°43'05"S 171°34'56"E
		$2\frac{1}{2}$ fathoms	41°42'53"S 171°34'47"E
		$1\frac{1}{4}$ fathoms	41°42'55"S 171°32'54"E
		2 fathoms	41°42'54"S 171°35'06"E
		2 fathoms	41°42'46"S 171°34'57"E
		$4\frac{1}{4}$a fathoms	41°42'48"S 171°34'36"E
		$2\frac{1}{4}$a fathoms	41°42'40"S 171°34'49"E
		$5\frac{1}{4}$a fathoms	41°42'30"S 171°34'46"E
		(Plan A)	
	Add	Legend "Harbor Entrance (see Note)"	41°42'02"S 171°34'50"E
		Note "HARBOR ENTRANCE Depths on the bar are subject to frequent change and it is dangerous for mariners without recent local knowledge to attempt to cross it."	41°45'40"S 171°33'35"E
		(Plan B)	
	Add	Legend "Harbor Entrance (see Note)"	42°25'41"S 171°11'07"E
		Note "HARBOR ENTRANCE Depths on the bar are subject to frequent change and it is dangerous for mariners without recent local knowledge to attempt to cross it."	42°25'52"S 171°13'03"E
76090	5Ed. 2/28/76 LAST NM 35/85	(And Plan A)	(31(172)85 Auckland) 38/85
	Add	Pilot station symbol	41°41'17"S 171°34'58"E

76090 5Ed. 2/28/76 LAST NM 38/85 (18(140)86 Auckland) 28/86

(Plan B)

Delete — Range line and legend "Beacons in line 121° (optional range)" between — 42°25'43"S 171°10'59"E
Bn (Or) — 42°26'23"S 171°12'27"E
42°26'23"S 171°12'27"E

Change — Characteristic of lights to QR / FY — 42°26'14"S 171°12'08"E
Legend to "Beacons or Lts in line 128°15'" — 42°26'29"S 171°12'28"E
42°26'14"S 171°12'00"E

76090 5Ed. 2/28/76 LAST NM 28/86 (21(159)86 Auckland) 30/86

(Plan B)

Delete — Note
"HARBOR ENTRANCE
Depths on the bar are subject to frequent change and it is dangerous for mariners without recent local knowledge to attempt to cross it."
(See 35/85-76090) — 42°25'52"S 171°13'03"E

Add — Note
"HARBOR ENTRANCE
Depths on the bar are subject to frequent change and it is dangerous for mariners without recent local knowledge to attempt to cross it. Vessels must contact the Greymouth Harbor Board by radio to ascertain bar and harbor depths, and the state of navigational aids and the wharf. There is no harbor master or pilot for the port." — 42°25'52"S 171°13'03"E

76090 5Ed. 2/28/76 LAST NM 30/86 (28(203)86 Auckland) 40/86

(And Plan A)

Add — Radar station — 41°44'25"S 171°35'25"E

★**76100** 2Ed. 8/20/77 NEW EDITION (DMAHC) 40/77

76100 2Ed. 8/20/77 LAST NM 40/77 (38(207)80 Auckland) 47/80

Add — Light Fl 5sec 253ft 13M — 43°34.6'S 169°34.7'E

76100 2Ed. 8/20/77 LAST NM 47/80 (BA LL) 35/83

Change — Visibility (range) of light to 12M — 43°57.7'S 168°37.2'E

76100 2Ed. 8/20/77 LAST NM 35/83 (43(278)83 Auckland; NZ CH 24) 51/83

Delete — Breakers symbol and legend "Breakers reported" — 43°57.0'S 168°37.8'E

Depth 5 fathoms "(1957) PA" — 43°50.0'S 168°46.8'E

Dangerous submerged rock symbol and legend "Obstr Rep (1957) Discol Water" — 43°44.9'S 169°03.3'E

76100 2Ed. 8/20/77 LAST NM 51/83 (12(72)85 Auckland) 17/85

Add — Depths 135 fathoms — 43°57.2'S 168°31.9'E
152 fathoms — 43°56.0'S 168°33.8'E

★**76110** 4Ed. 3/17/84 NEW EDITION (DMAHTC) 19/84

Change — Legend "SOUNDINGS IN METERS" to "SOUNDINGS IN FATHOMS" in lower right margin of chart

76110 4Ed. 3/17/84 LAST NM 19/84 (HNNM7475/85) 27/85

Substitute — Depths 729 fathoms for 72 fathoms — 45°12.8'S 166°48.6'E
669 fathoms for 69 fathoms — 45°17.0'S 166°44.8'E

Change — Characteristic of light to Fl(3) 20s — 45°44.0'S 166°27.6'E
Visibility (range) of light to 13M — 46°00.0'S 166°27.0'E

76110 4Ed. 3/17/84 LAST NM 27/85 (50(310)85 Auckland) 5/86

Add — Depths 12 fathoms — 46°05.1'S 168°31.0'E
12 fathoms — 46°08.6'S 168°36.0'E

76110	4Ed. 3/17/84 LAST NM 5/86		(DMAHTC) 10/86
	Add	Depths 12 fathoms	46°05.1'S 166°31.0'E
		12 fathoms	46°08.6'S 166°36.0'E
		(Cancels 5/86-76110)	
76110	4Ed. 3/17/84 LAST NM 10/86		(3(37)86 Auckland) 11/86
	Add	Depth 31 fathoms	46°20.6'S 167°10.3'E
76110	4Ed. 3/17/84 LAST NM 11/86		(39(280)87 Auckland) 49/87
	Add	Legend "(PA)" to dangerous submerged rock	45°48.1'S 166°23.7'E
76110	4Ed. 3/17/84 LAST NM 49/87		(48(293)88 Auckland) 10/89
	Delete	R Bn	46°09.9'S 166°37.6'E
76110	4Ed. 3/17/84 LAST NM 10/89		(13(88)89 Auckland) 24/89
	Delete	Light	46°12.2'S 166°39.4'E
	Add	Light Fl 12s 22M	46°09.9'S 166°37.3'E
★76120	5Ed. 4/20/85	NEW EDITION	(DMAHTC, 6(40)85 Auckland) 26/85
	Substitute	Depth 21 fathoms for 26 fathoms	46°45.8'S 168°48.7'E
	Add	Depth 13 fathoms	46°42.6'S 168°53.0'E
		26 fathoms	46°46.4'S 168°49.0'E
76120	5Ed. 4/20/85 LAST NM 26/85		(HNNM7595/85) 44/85
	Delete	Depth 3 fathoms	46°43.5'S 168°47.0'E
76120	5Ed. 4/20/85 LAST NM 44/85		(48(292)85 Auckland) 5/86
	Relocate	Pilot station symbol close SW to	46°39.0'S 168°20.0'E
76120	5Ed. 4/20/85 LAST NM 5/86		(34(200)85 Auckland) 6/86
		(Plan)	47°59'59"S 166°35'13"E
	Delete	Depth 87 fathoms	47°59'50"S 166°34'28"E
	Substitute	Depth 35 fathoms for 63 fathoms	47°58'59"S 166°32'58"E
	Add	Depths 61 fathoms	47°59'22"S 166°32'48"E
		94 fathoms	47°59'42"S 166°34'12"E
		35 fathoms	48°00'10"S 166°34'42"E
		20 fathoms	48°00'00"S 166°35'10"E
		77 fathoms	48°00'12"S 166°35'00"E
		30 fathoms	48°00'21"S 166°34'52"E
		26 fathoms	47°00'42"S 166°34'45"E
		23 fathoms	48°00'34"S 166°35'20"E
		76 fathoms	47°59'59"S 166°34'50"E
		23 fathoms	
76120	5Ed. 4/20/85 LAST NM 6/86		(3(37)86 Auckland) 11/86
	Add	Depth 31 fathoms	46°20.6'S 167°10.3'E
76120	5Ed. 4/20/85 LAST NM 11/86		(28(204)86 Auckland) 39/86
	Delete	Legend "Sig Sta" from light (FR)	46°36.8'S 168°21.6'E
★76121	7Ed. 9/5/87	NEW EDITION	(DMAHTC) 48/87
76121	7Ed. 9/5/87 LAST NM 48/87		(45(321)87 Auckland) 3/88
	Add	Buoy G, conical, QG	46°35'27.5"S 168°20'22.8"E
76121	7Ed. 9/5/87 LAST NM 3/88		(48(344)87 Auckland) 11/88
	Relocate	Light close NNW .o	46°35'57.4"S 168°21'10.7"E
		and change height to 5m	
76121	7Ed. 9/5/87 LAST NM 11/88		(22(159), 30(195)88 Auckland) 48/88
	Delete	Position circle "FS"	46°36'43"S 168°21'34"E
		Lights	46°35'51"S 168°21'12"E
			46°36'09"S 168°21'29"E
	Change	Characteristic of light to Iso 2s	46°36'26"S 168°22'00"E
	Add	Buoy "South Davey" G, conical, QG	46°36'37.9"S 168°21'57.5"E
		Light "Channel Rk", Fl R 2s 7m 3M	46°36'09.3"S 168°21'29.5"E

SUBREGION

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(continued on next page)

76121 (Continued)

Add	Beacons "Argyle" R. can topmark. Q(2) R 5s 5m 3M	48/88	
	"No 3" G. cone topmark. Fl(3) G 9s 6m 3M	46°36'02.3"S 168°21'19.0"E	
		46°35'52.0"S 168°21'11.8"E	

★76130 4Ed. 11/21/81 NEW EDITION

Delete	Legend "R Bn"	(DMAHTC; BA LL) 4/82
Change	Characteristic of light to L Fl(2) 18s	45°46.8'S 170°48.3'E
		45°46.4'S 170°43.8'E
Add	Note "CAUTION Do not use the magnetic compass roses on this chart because of misalignment."	

76130 4Ed. 11/21/81 LAST NM 4/82

		45°58'S 169°22'E
Change	Characteristic of light to L Fl 10s	(BA LL) 34/83
		45°53.0'S 170°43.8'E
	Lights to L Fl(2) 12s 250ft 19M Q(3) 15s 104ft 8M	46°27.0'S 169°49.2'E
		46°36.7'S 169°26.2'E
	Visibility (range) of lights to 8M 17M	46°40.6'S 169°00.0'E
		46°39.8'S 168°51.0'E

76130 4Ed. 11/21/81 LAST NM 34/83

Delete	Depths 18 fathoms 19 fathoms	(6(40)85 Auckland) 12/85 46°43.0'S 168°48.9'E 46°45.6'S 168°44.9'E
Add	Depths 13 fathoms 26 fathoms 21 fathoms 16 fathoms	46°42.8'S 168°53.0'E 46°46.4'S 168°49.0'E 46°45.8'S 168°48.7'E 46°43.1'S 168°49.3'E

76130 4Ed. 11/21/81 LAST NM 12/85

Delete	Depth 3 fathoms	(HNNM7595/85) 44/85 46°43.5'S 168°47.0'E

76130 4Ed. 11/21/81 LAST NM 44/85

Add	Danger circle "Foul"	(3(36)86 Auckland) 11/86 46°37.7'S 169°25.7'E

76130 4Ed. 11/21/81 LAST NM 11/86

Add	Depth 50 fathoms	(NZ CH 68) 52/86 46°54.7'S 169°08.0'E

76130 4Ed. 11/21/81 LAST NM 52/86

Delete	R Bn	(25(178)87 Auckland) 38/87 45°47.2'S 170°43.7'E

76130 4Ed. 11/21/81 LAST NM 38/87

Delete	DIA from light	(37(268)87 Auckland) 48/87 45°46.5'S 170°43.7'E

★76140 6Ed. 5/16/81 NEW EDITION

Change	Visible sector of light to 262°-071°	(DMAHTC; 35(173)78 Auckland) 28/81 43°53.6'S 172°58.5'E

76140 6Ed. 5/16/81 LAST NM 28/81

Change	Light to L Fl(2) 18s 197ft 18M DIA Sig Sta Ra	(BA LL; 35(179)81 Auckland; DMAHTC) 42/81
		45°46'50"S 170°44'30"E
	Visibility (range) of light to 9/7M	45°45'20"S 170°41'40"E
Add	Port buoy: R. can. Fl(3) R 20s	44°23 12"S 171°17'20"E
	Note "CHANGES IN BUOYAGE Certain buoys, lights and beacons within the area of this chart are affected by the conversion to IALA Maritime Buoyage System in Region A-The Combined Cardinal and Lateral System (red to port). See Chart No. 1."	

76140 6Ed. 5/16/81 LAST NM 42/81

		44°30'00"S 172°46'00"E
Change	Line 9 of cautions note to "5. Mariners without local knowledge are advised to contact the Har-"	(DMAHTC; 37(190)81 Auckland) 44/81
		44°23'S 172°45'E
	Legend to "CAUTIONS NOS 4 and 6"	45°06'S 171°05'E

(continued on next page)

			44/81
76140	(Continued) Add	Caution No. 6 "6. Extensive shoaling is reported in the entrance to Oamaru Harbor. Mariners without local knowledge are advised to contact the Harbormaster, Timaru Harbor, before attempting to enter Oamaru Harbor."	44°24'S 172°45'E
	Change	(Plan B) Legend to "CAUTIONS NOS 4 and 6"	44°06'10"S 170°59'20"E
76140	6Ed. 5/16/81 LAST NM 44/81		(39(198)81 Auckland) 52/81
	Delete	(Plan A) Dashed lines between	44°23'27.8"S 171°15'39.0"E 44°23'28.8"S 171°15'42.0"E
		joining	44°23'28.0"S 171°15'43.3"E 44°23'15.9"S 171°16'00.9"E 44°23'10.8"S 171°15'54.4"E 44°23'23.2"S 171°15'37.3"E
	Add	Depths 4 fathoms 2 feet 4 fathoms 3 feet	44°23'23.6"S 171°15'46.0"E 44°23'16.8"S 171°15'55.6"E
		Range line extending in 048° direction from wharf head dashed for 750 meters, thence solid for 750 meters	44°23'42.0"S 171°15'09.2"E
		Legend "Green lights in line 228°" along above range line	
76140	6Ed. 5/16/81 LAST NM 52/81		(BA LL) 3/82
	Change	(Plan A) Height of range light, rear to 65ft	44°23'42"S 171°15'09"E
76140	6Ed. 5/16/81 LAST NM 3/82		(NZ CH 6422) 12/82
	Change	Legend "Jacks Pt" to "Tuawaiki Pt"	44°26'45"S 171°17'00"E
76140	6Ed. 5/16/81 LAST NM 12/82		(22(120)82 Auckland) 44/82
	Change	Light to safe water light: Mo(A) 10s 18ft 9M	44°23.2'S 171°18.1'E
	Change	(Plan A) Range light, front to Dir WRG 68ft 21-17M FR 70ft 10M (neon)	44°23'12"S 171°14'46"E
76140	6Ed. 5/16/81 LAST NM 44/82		(BA LL) 34/83
	Change	Visibility (range) of lights to 19M 19M 13M	43°53.6'S 172°58.5'E 44°22.7'S 171°15.0'E 44°26.8'S 171°15.8'E
	Change	(Plan A) Visibility (range) of light to 7M	44°23.2'S 171°14.6'E
76140	6Ed. 5/16/81 LAST NM 34/83		(34(219)83 Auckland) 41/83
	Add	Pilot station symbol	45°44.8'S 170°44.5'E
76140	6Ed. 5/16/81 LAST NM 41/83		(36(228)83 Auckland) 44/83
	Add	Pilot station symbol	44°23.5'S 171°18.3'E
76140	6Ed. 5/16/81 LAST NM 44/83		(44(273)84 Auckland) 10/85
	Change	(And Plan A) Period of light to 5s	44°23'15"S 171°16'00"E
76140	6Ed. 5/16/81 LAST NM 10/85		(28(157)85 Auckland) 33/85
	Delete	Depth 5 fathoms "Rep (1963)"	45°19.2'S 171°22.8'E
76140	6Ed. 5/16/81 LAST NM 33/85		(34(199)85 Auckland) 41/85
	Add	(Plan A) Light FR 52ft (neon) with legend "Bn"	44°23'11"S 171°15'31"E
76140	6Ed. 5/16/81 LAST NM 41/85		(36(210)85 Auckland) 43/85
	Add	(Plan A) Visibility (range) 5M to light (See 41/85-76140)	44°23'11"S 171°15'31"E

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76140	6Ed. 5/16/81 LAST	NM 43/85	(42(297)86 Auckland) 51/86
	Add	Buoy (waverider), red spherical, Fl(3) Y 15s	43°59.6'S 172°14.4'E
76140	6Ed. 5/16/81 LAST	NM 51/86	(46(350)86 Auckland) 4/87
	Add	Note "DREDGED AREAS Dredged areas may not be regularly maintained. Mariners should contact the harbormaster for information on the latest depths."	44°58.0'S 172°45.0'E
		(Plan A)	
	Add	Legends "(see Note)"	44°23'21"S 171°15'46"E 44°23'30"S 171°15'30"E
76140	6Ed. 5/16/81 LAST	NM 4/87	(10(86)87 Sydney) 18/87
	Add	Dangerous wreck	45°24.8'S 171°11.1'E
76140	6Ed. 5/16/81 LAST	NM 18/87	(12(99)87 Auckland) 21/87
	Delete	Dangerous wreck (Supersedes 18/87-76140)	45°24.8'S 171°11.1'E
	Add	Wreck (PA)	45°25.3'S 171°11.1'E
76140	6Ed. 5/16/81 LAST	NM 21/87	(25(178)87 Auckland) 38/87
	Delete	R Bn	45°47.3'S 170°44.0'E
76140	6Ed. 5/16/81 LAST	NM 38/87	(37(268)87 Auckland) 48/87
	Delete	DIA from light	45°46.8'S 170°44.5'E
76140	6Ed. 5/16/81 LAST	NM 48/87	(34(246)87 Auckland) 1/88
		(Plan A)	
	Add	Double dashed line with legend "Breakwater Under Construction (1987)" 10 meters wide on centerline between	44°23'20.2"S 171°16'03.8"E 44°23'21.0"S 171°16'10.8"E
76140	6Ed. 5/16/81 LAST	NM 1/88	(19(141)88 Auckland) 36/88
	Relocate	Pilot station symbol close N to	45°44.5'S 170°44.6'E
★**76141**	7Ed. 8/24/85	NEW EDITION	(DMAHTC; BA LL; NZ CH 6612) 47/85
	Change	Period of light to 4s (Previously published 37/85)	45°50'17"S 170°35'26"E
	Delete	Depths 9.4 meters	45°49'28"S 170°37'45"E
		12.2 meters	45°49'28"S 170°37'50"E
		12.5 meters	45°49'33"S 170°37'46"E
	Substitute	Depth 7 meters for 7.9 meters	45°49'31"S 170°37'45"E
	Change	Lights "2" to FR	45°49'42"S 170°37'40"E
		"2a" to Fl(3) R	45°49'55"S 170°37'28"E
		Legend to "Least Depth 7.2m (1985)"	45°51'35"S 170°34'34"E
	Add	Depths 8.6 meters	45°49'26.5"S 170°37'42.1"E
		10.1 meters	45°49'31.0"S 170°37'48.5"E
		Legend "(2 QY Lts)" to light	45°48'00.0"S 170°43'06.0"E
76141	7Ed. 8/24/85 LAST	NM 47/85	(6(56)86 Auckland) 17/86
	Change	Characteristic of lights	
		"2" to FR	45°47'23"S 170°43'22"E
		"4" to Fl R 4s	45°47'32"S 170°43'19"E
		"3" to Fl G 4s	45°47'27"S 170°43'05"E
		"6" to FR	45°47'43"S 170°43'06"E
		"8" to FR	45°47'50"S 170°42'52"E
		"9" to Oc G 4s	45°47'46"S 170°42'26"E
76141	7Ed. 8/24/85 LAST	NM 17/86	(24(174)86 Auckland) 36/86
	Change	Light "23" to Oc G 4s	45°48.2'S 170°38.0'E
76141	7Ed. 8/24/85 LAST	NM 36/86	(30(220)86 Auckland) 38/86
	Change	Visibility (range) of light to 5M	45°46.3'S 170°43.2'E

(continued on next page)

76141 (Continued)
Change — Lights "1a" to Fl G 3s
"10" to Oc R 10s
"15" to Fl G 3s
"18a" to Fl R 3s
"20a" to Fl R 3s
"24" to Fl R 3s
"2a" to Fl(2) R
(See 47/85-76141)

Add — Submarine cable joining

38/86
45°46.9'S 170°43.1'E
45°47.9'S 170°42.5'E
45°47.6'S 170°39.8'E
45°48.1'S 170°39.0'E
45°48.2'S 170°38.3'E
45°48.4'S 170°38.0'E
45°49.9'S 170°37.5'E

45°47'54.0"S 170°42'27.4"E
45°47'52.9"S 170°42'41.0"E
45°47'49.6"S 170°42'51.4"E
45°47'42.7"S 170°43'06.2"E
45°47'32.0"S 170°43'18.2"E
45°47'22.8"S 170°43'22.0"E
45°47'22.3"S 170°43'35.0"E

(43(310, 311)86 Auckland) 3/87

45°49'20"S 170°37'54"E

76141 7Ed. 8/24/85 LAST NM 38/86
Change — Characteristic of light "32" to Q(2) R 2s

Add — Legends "(see Note)"

45°45'48"S 170°43'30"E
45°47'52"S 170°42'09"E
45°48'03"S 170°38'51"E

Note
"DREDGED AREAS
Dredged areas may not be regularly maintained. Mariners should contact the harbormaster for information on the latest depths."

45°45'52"S 170°38'55"E

76141 7Ed. 8/24/85 LAST NM 3/87
Delete — R Bn

(25(178)87 Auckland) 38/87
45°47.1'S 170°43.9'E

76141 7Ed. 8/24/85 LAST NM 38/87
Delete — DIA from light

(37(268)87 Auckland) 48/87
45°46.5'S 170°43.7'E

76141 7Ed. 8/24/85 LAST NM 48/87
Add — Depths 4.7 meters
3.3 meters
3.5 meters
4.3 meters
3 meters
15 meters
16.2 meters
15 meters
16 meters
17 meters
17.5 meters
17 meters
12.1 meters
13.2 meters

(9(72)88 Auckland) 21/88
45°44'45.3"S 170°38'44.8"E
45°44'55.0"S 170°38'47.7"E
45°45'04.0"S 170°38'59.0"E
45°45'11.5"S 170°39'06.0"E
45°45'21.0"S 170°39'16.1"E
45°45'00.7"S 170°39'15.9"E
45°45'00.0"S 170°39'43.0"E
45°45'18.7"S 170°39'42.0"E
45°45'13.4"S 170°40'01.2"E
45°44'58.2"S 170°40'05.2"E
45°44'45.7"S 170°39'59.0"E
45°44'52.2"S 170°40'25.9"E
45°45'03.9"S 170°40'38.2"E
45°44'52.5"S 170°41'00.9"E

"Spoil Ground" areas bound by dashed line joining

45°46'12.0"S 170°42'42.0"E
45°46'06.0"S 170°42'54.0"E
45°45'48.0"S 170°42'30.0"E
45°46'00.0"S 170°42'18.0"E

joining

45°46'49.2"S 170°42'31.8"E
45°46'42.0"S 170°42'48.0"E
45°46'48.0"S 170°43'00.0"E
45°47'00.0"S 170°42'48.0"E

76141 7Ed. 8/24/85 LAST NM 21/88
Add — Legend "Low Tide Training Wall (covers)" between

(14(110)88 Auckland) 29/88

45°52'34"S 170°32'06"E
45°52'26"S 170°32'42"E

★76150 5Ed. 4/13/85
Delete — NEW EDITION
Note "Navigation aids and hazards corrected to 1976"

(DMAHTC) 28/85

41°56'45"S 172°35'20"E

76150 5Ed. 4/13/85 LAST NM 28/85
Add — Dangerous wreck

(44(268)85 Auckland) 5/86
43°11.6'S 172°53.0'E

76150 5Ed. 4/13/85 LAST NM 5/86
Change — Period of light to 15s

(13(102)86 Auckland) 20/86
41°42.8'S 174°16.7'E

76150	5Ed. 4/13/85 LAST NM 20/86		
	Change	Visibility (range) of light to 19M	(BA LL) 44/87 43°53.5'S 172°58.7'E
76150	5Ed. 4/13/85 LAST NM 44/87		
	Delete	R Bn (AERO)	(49(299)88 Auckland) 10/89 43°27.3'S 172°34.5'E

★76151	6Ed. 6/21/86	NEW EDITION	(DMAHTC) 33/86
76151	6Ed. 6/21/86 LAST NM 33/86		
	Add	Light Fl Y 5s to buoy	(34(253)86 Auckland) 41/86 43°36.1'S 172°47.7'E
76151	6Ed. 6/21/86 LAST NM 41/86		
	Change	Buoy to Y. pillar. "X" topmark. Fl Y 5s	(45(324)86 Auckland) 3/87 43°36.1'S 172°47.7'E
76151	6Ed. 6/21/86 LAST NM 3/87		
	Add	Legend "(see Note)"	(46(349)86 Auckland) 4/87 43°36'53"S 172°43'28"E
		Note "DREDGED AREAS Dredged areas may not be regularly maintained. Mariners should contact the harbormaster for information on the latest depths."	43°40'42"S 172°50'48"E
		(Plan)	
	Add	Legends "(see Note)"	43°36'51.5"S 172°43'25.5"E 43°36'34.0"S 172°43'05.0"E
76151	6Ed. 6/21/86 LAST NM 4/87		
	Change	Visibility (range) of light to 4M	(41(253)88 Auckland) 53/88 43°36.9'S 172°45.1'E

★76160	3Ed. 2/27/82	NEW EDITION	(DMAHTC) 15/82
76160	3Ed. 2/27/82 LAST NM 15/82		
	Change	Light to L Fl 15s 319ft 11M and delete red sector and R Bn	(41(248)82 Auckland) 51/82 39°17.7'S 177°52.2'E
	Add	Light Fl(3) 30s 615ft 20M R Bn	39°06.4'S 177°59.9'E
76160	3Ed. 2/27/82 LAST NM 51/82		
	Add	Rock awash enclosed by dotted line circle "Rep (1984)"	(21(134)84 Auckland) 32/84 40°38.4'S 176°25.0'E
76160	3Ed. 2/27/82 LAST NM 32/84		
		(And Continuation)	(26(168T)84 Auckland) 34/84
	Add	Wreck	40°55.8'S 176°16.1'E
76160	3Ed. 2/27/82 LAST NM 34/84		
		(And Continuation)	(50(301)84 Auckland) 11/85
	Change	Period of light to 30s	40°54.7'S 176°13.1'E
76160	3Ed. 2/27/82 LAST NM 11/85		
	Change	Light to L Fl 8s 15M	(BA LL) 35/85 38°42.4'S 178°04.0'E
76160	3Ed. 2/27/82 LAST NM 35/85		
	Change	Visibility (range) of light to 17-14M	(NZ CH 56) 20/86 39°21.4'S 176°54.8'E
76160	3Ed. 2/27/82 LAST NM 20/86		
	Add	Depth 9½ fathoms, rocky	(14(110)86 Auckland) 22/86 38°44.2'S 178°01.7'E
76160	3Ed. 2/27/82 LAST NM 22/86		
	Delete	Dangerous submerged rock	(32(179)85 Auckland) 39/86 41°37.6'S 175°16.6'E
	Add	Depths 8 fathoms 3 feet 6 fathoms 3 feet 1 fathom 3 feet 14 fathoms	41°38.2'S 175°17.0'E 41°38.0'S 175°16.3'E 41°37.5'S 175°16.5'E 41°37.5'S 175°13.6'E
76160	3Ed. 2/27/82 LAST NM 39/86		
	Add	R Bn (AERO)	(NZ CH 57) 33/87 39°28.3'S 176°53.2'E
		(And Inset)	
	Change	Visibility (range) of light to 26M	40°54.7'N 176°13.2'E

★76161	9Ed. 9/22/84	NEW EDITION	(DMAHTC) 48/84

76161	9Ed. 9/22/84 LAST NM 48/84 (And Plan A)		(50(309)85 Auckland) 5/86
	Change	Range lights. front to FR 49ft 5M rear to FG 69ft 5M (neon). F 69ft 5M	39°27.1'S 176°52.2'E 39°27.1'S 176°52.0'E
76161	9Ed. 9/22/84 LAST NM 5/86 (And Plan A)		(40(235)85 Auckland) 6/86
	Change	Height of light to 33ft	39°28'46"S 176°53'44"E
76161	9Ed. 9/22/84 LAST NM 6/86 (And Plan A)		(20(151)86 Auckland) 27/86
	Add	Buoy, Y, pillar, "X" topmark, Fl(4) Y 10s	39°26'13"S 176°55'00"E
76161	9Ed. 9/22/84 LAST NM 27/86 (Plan A)		(48(347)86 Auckland) 4/87
	Add	Note "DREDGED AREAS Dredged areas may not be regularly maintained. Mariners should contact the harbormaster for information on the latest depths."	39°32.4'S 176°57.0'E
		(Plan B)	
	Add	Legends "(see Note)"	39°28'19.5"S 176°54'44.0"E 39°28'27.0"S 176°54'55.5"E 39°28'32.5"S 176°55'08.5"E
★76170	6Ed. 1/19/85	NEW EDITION	(DMAHTC) 14/85
76170	6Ed. 1/19/85 LAST NM 14/85		(BA LL) 35/85
	Change	Characteristic of light to L Fl 8s	38°42.3'S 178°04.3'E
76170	6Ed. 1/19/85 LAST NM 35/85		(46(276)85 Auckland) 3/86
	Add	Depth 7½ fathoms "Rep (1985)"	37°33.6'S 177°09.5'E
76170	6Ed. 1/19/85 LAST NM 3/86		(2(29)86 Auckland) 12/86
	Relocate	Light close NW to	37°33.5'S 178°19.0'E
76170	6Ed. 1/19/85 LAST NM 12/86		(8(71)86 Auckland) 15/86
	Add	Depths 9 fathoms 11½ fathoms	37°34.2'S 178°52.6'E 37°36.5'S 178°52.2'E
76170	6Ed. 1/19/85 LAST NM 15/86		(9(73)86 Auckland) 18/86
	Delete	Depths 14 fathoms 22 fathoms	37°34.0'S 178°52.7'E 37°36.2'S 178°52.3'E
76170	6Ed. 1/19/85 LAST NM 18/86		(14(110)86 Auckland) 22/86
	Add	Depth 9½ fathoms, rocky	38°44.2'S 178°01.7'E
76170	6Ed. 1/19/85 LAST NM 22/86		(20(149)86 Auckland) 27/86
	Delete	Depth 9 fathoms (See 15/86-76170) Legend "10½ fathoms Rep on this band (1917)"	37°34.2'S 178°52.6'E 37°36.6'S 178°50.7'E
	Add	Depth 8 fathoms	37°34.4'S 178°52.8'E
76170	6Ed. 1/19/85 LAST NM 27/86		(30(223)86 Auckland) 38/86
	Add	Wreck with legend "(Marked by buoys)"	37°35.8'S 176°18.9'E
76170	6Ed. 1/19/85 LAST NM 38/86		(33(243)86 Auckland) 40/86
	Delete	Wreck and legend "(Marked by buoys)" (Supersedes 38/86-76170)	37°35.8'S 176°18.9'E
76170	6Ed. 1/19/85 LAST NM 40/86		(29(204)87 Auckland) 45/87
	Change	Light to (AERO) Fl 4s 14m 15M	37°55.6'S 176°55.2'E
76170	6Ed. 1/19/85 LAST NM 45/87		(36(261)87 Auckland) 48/87
	Delete	Depth 7½ fathoms "Rep (1985)"	37°33.6'S 177°09.5'E
76170	6Ed. 1/19/85 LAST NM 48/87		(15(116)88 Auckland) 29/88
	Delete	Depth 28 fathoms	37°38.1'S 178°51.9'E
	Add	Depths 25 fathoms 41 fathoms	37°38.3'S 178°51.9'E 37°38.2'S 178°55.5'E

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76170	6Ed. 1/19/85 LAST NM 29/88		(18(134)88 Auckland) 36/88
	Delete	Depth 108 fathoms	37°33.3'S 177°09.5'E
	Add	Depths 104 fathoms	37°32.7'S 177°09.1'E
		105 fathoms	37°33.3'S 177°09.3'E
★**76171**	8Ed. 3/23/85	NEW EDITION	(DMAHTC; 9(53)85 Auckland) 22/85
	Delete	Berth designations "3", "4", "6", "7", "8", "10", "11" between	37°38'52"S 176°10'55"E 37°39'31"S 176°10'53"E
	Change	Berth designations "5" to "4"	37°39'02"S 176°10'57"E
		"9" to "7"	37°39'20"S 176°10'55"E
	Add	Berth designations "3"	37°38'55"S 176°10'56"E
		"5"	37°39'08"S 176°10'57"E
		"6"	37°39'13"S 176°10'56"E
		"8"	37°39'27"S 176°10'54"E
		"9"	37°39'33"S 176°10'52"E
76171	8Ed. 3/23/85 LAST NM 22/85		(DMAHTC) 24/85
	Change	Note to "PREFERRED DATUM ADJUSTMENT To place this chart on the New Zealand 1949 Datum, shift all parallels 0.32 seconds north and all meridians 0.50 seconds east."	37°37'28"S 176°08'00"E
76171	8Ed. 3/23/85 LAST NM 24/85		(5(32, 33)85 Auckland) 27/85
	Relocate	Buoy "21" close WNW to	37°39'46.5"S 176°10'35.5"E
	Add	Light Fl 1½s	37°39'38.5"S 176°09'54.9"E
76171	8Ed. 3/23/85 LAST NM 27/85		(14(111)86 Auckland) 22/86
	Change	Legend "SEE CAUTION" to "SEE CAUTION 1"	37°38'28"S 176°09'55"E
		Note to "CAUTIONS 1. Western channel closed to shipping due to shoaling. 2. Dredged areas within the area of this chart may not be regularly maintained. Mariners should contact the harbormaster for information on the latest depths."	37°37'53"S 176°08'15"E
76171	8Ed. 3/23/85 LAST NM 22/86		(21(156)86 Auckland) 30/86
	Delete	Range lights and range line between	37°41'06"S 176°10'06"E 37°39'46"S 176°10'50"E
76171	8Ed. 3/23/85 LAST NM 30/86		(32(234)86 Auckland) 40/86
	Relocate	Buoy "C" close NE to	37°37'33.4"S 176°09'59.1"E
76171	8Ed. 3/23/85 LAST NM 40/86		(38(269)86 Auckland) 48/86
	Delete	Dashed lines between	37°37'34.2"S 176°09'56.2"E 37°36'42.9"S 176°10'37.9"E
		joining	37°37'37.9"S 176°09'57.2"E 37°36'52.0"S 176°10'40.9"E 37°36'50.0"S 176°10'40.2"E
		joining	37°37'23.5"S 176°09'53.1"E 37°37'22.5"S 176°09'52.9"E 37°36'27.7"S 176°10'29.5"E 37°36'29.0"S 176°10'30.5"E
	Change	Legends to "Dredged to 10.1m (1986)" "Entrance Channel Dredged to 11.2m (1986)"	37°37'06.0"S 176°10'23.0"E 37°36'58.0"S 176°10'19.0"E
	Add	Dashed lines (dredged limits) joining	37°37'23.5"S 176°09'53.1"E 37°37'05.3"S 176°10'07.8"E 37°36'29.0"S 176°10'30.5"E

(continued on next page)

				48/86
76171	(Continued) Add		joining	37°37'37.9"S 176°09'57.2"E 37°37'26.5"S 176°10'01.3"E 37°36'42.4"S 176°10'37.8"E
			between	37°3[illegible]3.9"S 176°09'58.6"E 37°36'50.0"S 176°10'40.2"E
76171	8Ed. 3/23/85 LAST NM 48/86 Delete	Depths 12.2 meters 11.3 meters 10.7 meters 12.2 meters		(40(281)86 Auckland) 50/86 37°36'34"S 176°10'42"E 37°36'40"S 176°10'42"E 37°37'16"S 176°09'39"E 37°37'22"S 176°09'43"E
	Add	Depths 9.9 meters 11.5 meters 11 meters 9.8 meters 9.8 meters 9.9 meters 9.4 meters 9.8 meters 9.9 meters 9.5 meters		37°36'25.4"S 176°10'25.7"E 37°36'34.0"S 176°10'41.7"E 37°36'40.6"S 176°10'41.5"E 37°36'58.0"S 176°10'34.4"E 37°37'05.0"S 176°10'05.1"E 37°37'08.9"S 176°09'41.4"E 37°37'11.7"S 176°10'22.0"E 37°37'23.0"S 176°09'45.4"E 37°37'29.1"S 176°09'43.0"E 37°37'30.8"S 176°10'03.5"E
76171	8Ed. 3/23/85 LAST NM 50/86 Delete	Light		(2(29)88 Auckland) 14/88 37°38'36"S 176°10'50"E
76171	8Ed. 3/23/85 LAST NM 14/88 Delete	Buoy "A"		(27(182)88 Taunton) 48/88 37°36'25"S 176°10'34"E
76171	8Ed. 3/23/85 LAST NM 48/88 Delete	Double solid line (wharf) and land tint between		(2(29), 37(223), 41(252), 44(266)88 Auckland) 53/88 37°38'35.4"S 176°10'53.0"E 37°38'35.7"S 176°10'50.3"E
		Legend "Being reclaimed (1982)" Beacon "No 25"		37°39'44.0"S 176°10'54.0"E 37°40'04.1"S 176°10'38.2"E
	Substitute	Solid line for dashed line between		37°39'42.3"S 176°10'53.5"E 37°39'53.5"S 176°10'51.6"E
	Change	Height of light to 11m		37°37'31"S 176°10'29"E
		Berth designations "1" to "2" "2" to "3" "3" to "4" "4" to "5" "5" to "6" "6" to "7" "7" to "8" "8" to "9" "9" to "10"		37°38'41"S 176°10'53"E 37°38'47"S 176°10'55"E 37°38'55"S 176°10'56"E 37°39'02"S 176°10'57"E 37°39'08"S 176°10'57"E 37°39'13"S 176°10'56"E 37°39'20"S 176°10'55"E 37°39'27"S 176°10'53"E 37°39'33"S 176°10'51"E
	Add	Land tint areas (wharf extension) bound by shoreline and solid lines joining		37°38'38.2"S 176°10'52.8"E 37°38'35.7"S 176°10'52.2"E 37°38'35.5"S 176°10'53.0"E
		joining		37°39'36.6"S 176°10'52.2"E 37°39'41.8"S 176°10'51.4"E 37°39'42.3"S 176°10'53.5"E
		Berth designations "1" "11"		37°38'36.7"S 176°10'51.8"E 37°39'39.0"S 176°10'50.0"E
		Beacon "No 25" RW, ball topmark, L Fl 10s		37°40'05.0"S 176°10'38.6"E

★76181 6Ed. 3/18/78 NEW EDITION (DMAHC) 17/78

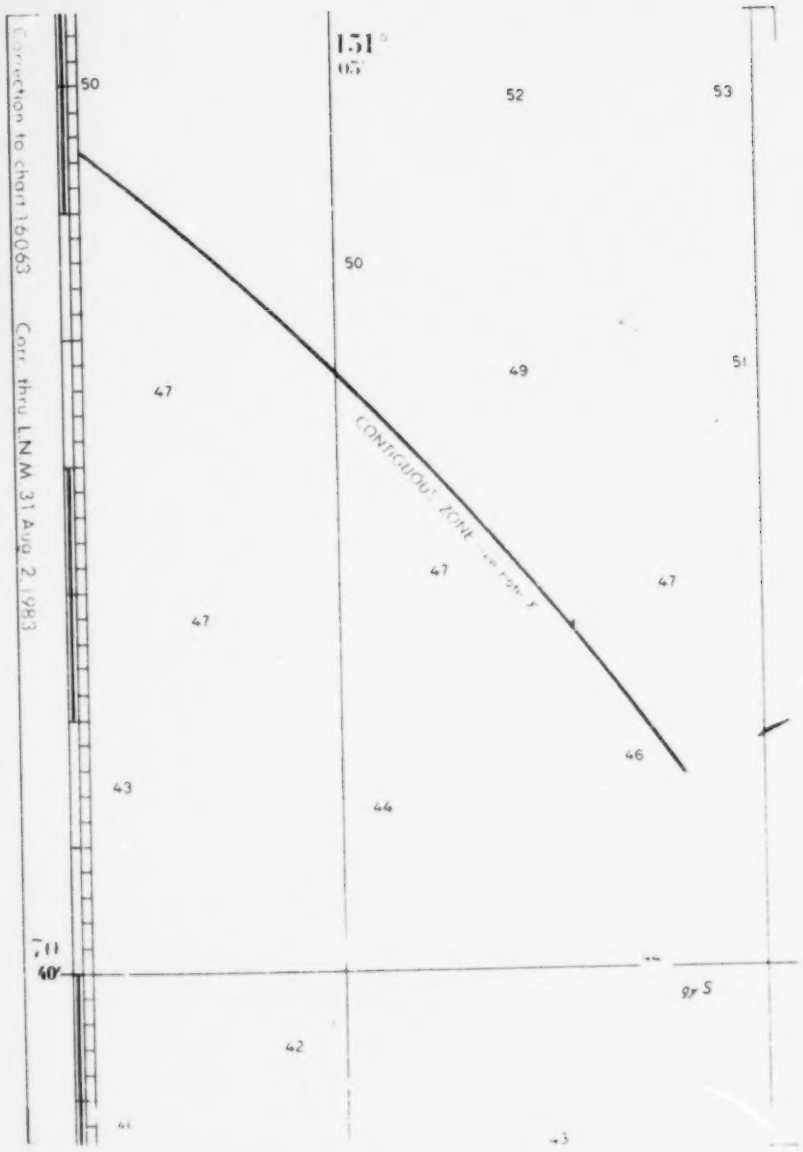
SUBREGION 76

76181	6Ed. 3/18/78 LAST NM 17/78		(49(326)83 Auckland) 3/84
	Add	Note "NOTE The Kermadec Islands are wildlife sanctuaries and landing is prohibited without permission."	29°19.2'S 177°50.3'W
★76181	6Ed. 3/18/78 LAST NM 3/84		(DMAHTC) 32/84
	Change	DMA Stock No. to 76XCO76181 in lower right margin of chart Note: Applicable to certain copies of this chart only	
76181	6Ed. 3/18/78 LAST NM 32/84		(34(196)85 Auckland) 43/85
		(Plan Macauley I.)	
	Add	Note in Title block "Mac Donald Rock lies about 3 miles northward of Macauley Island."	
76181	6Ed. 3/18/78 LAST NM 43/85		(42(257)88 Auckland) 53/88
	Add	Stranded wreck	29°15.50'S 177°56.68'W
★76201	2Ed. 7/19/86	NEW EDITION	(DMAHTC) 41/86
76201	2Ed. 7/19/86 LAST NM 41/86		(45(320), 46(330)87 Auckland) 3/88
		(Plans Antipodes Islands & Depot Anchorage)	
	Add	Depth 6½ fathoms	49°39'47.6"S 178°50'29.1"E
		(Plans Auckland Islands & Port Ross)	
	Add	Depth 2½ fathoms	50°34'03"S 166°21'54"E
		Dangerous rock awash	50°34'15"S 166°19'55"E
		Dangerous submerged rock	50°34'48"S 166°19'01"E
		(Plan Antipodes Islands)	
	Delete	Depths 47 fathoms	49°41.2'S 178°51.3'E
		12 fathoms (PA)	49°41.3'S 178°51.7'E
	Add	Depths 18 fathoms	49°39'04"S 178°50'35"E
		16 fathoms	49°39'35"S 178°51'35"E
		10¾ fathoms	49°39'50"S 178°50'55"E
		6½ fathoms	49°41'16"S 178°51'22"E
		(Plan Auckland Islands)	
	Delete	Rock awash	50°34.2'S 166°22.7'E
		Dotted line joining	50°36.6'S 166°19.5'E
			50°37.5'S 166°19.7'E
			50°36.7'S 166°20.5'E
		Legend "Breakers reported"	50°37.4'S 166°21.3'E
	Add	Depths 14 fathoms	50°38.3'S 166°21.0'E
		27 fathoms	50°52.8'S 166°15.5'E
		26 fathoms	50°49.6'S 166°09.8'E
		(Plan Port Ross)	
	Delete	Rock awash and legend "(Approx pos)"	50°34.1'S 166°22.6'E
		Breakers symbols between	50°34.2'S 166°21.3'E
			50°33.7'S 166°22.7'E
		Legend "Breakers in heavy weather"	50°33.9'S 166°22.4'E
76201	2Ed. 7/19/86 LAST NM 3/88		(3(42. 43)88 Auckland) 14/88
		(Plan Antipodes Islands)	
	Delete	Islet and legend "South It. (15ft high)"	49°43.5'S 178°48.8'E
	Change	Legend "(5ft high)" to "South It (16ft high)"	49°43.3'S 178°46.8'E
	Add	Rock which does not cover with legend "(5ft high) (PA)"	49°43'50"S 178°45'30"E

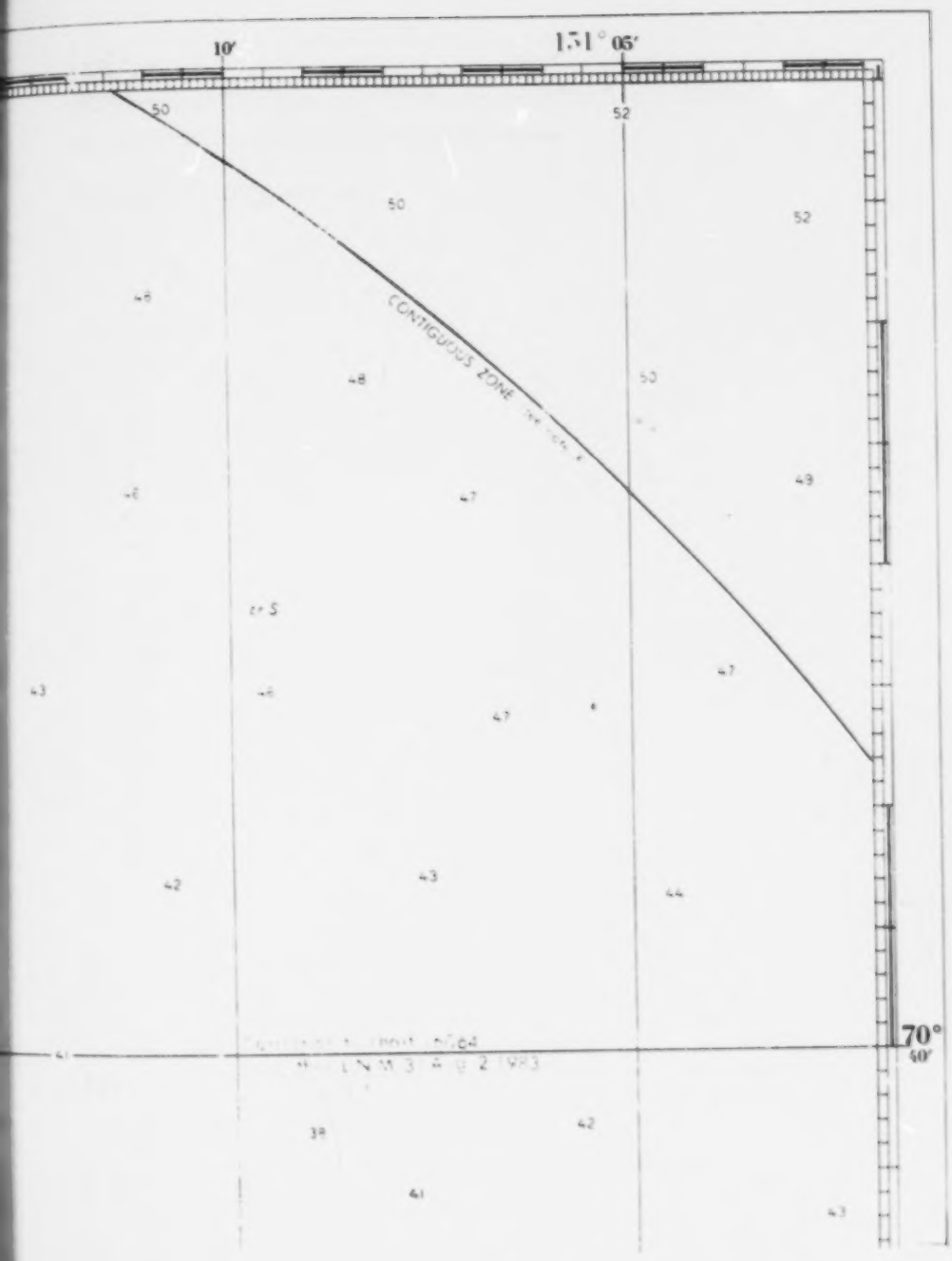
(continued on next page)

14/88

76381	(Continued)		
	Add	(Plan Port Ross) Depths 9 fathoms 12 fathoms	50°31'57"S 166°15'06"E 50°31'09"S 166°15'42"E
76211	3Ed. 10/27/69 LAST NM 1A/71		
	Add	Note "NOTE This island is a wildlife sanctuary and landing is prohibited without permission."	(49(326)83 Auckland) 3/84 52°24.5'S 169°00.0'E
★76211	3Ed. 10/27/69 LAST NM 3/84		(DMAHTC) 32/84
	Change	DMA Stock No. to 76XCO76211 in lower right margin of chart Note: Applicable to certain copies of this chart only	
76211	3Ed. 10/27/69 LAST NM 32/84		(42(298)86 Auckland) 51/86 52°32.6'S 169°10.4'E
	Delete	Legend "2 Bns" Range line and legend "Lights in line 300°" between	52°32.6'S 169°10.2'E 52°33.7'S 169°13.1'E
	Change	Light to Iso 8s 37ft 5M	52°32.6'S 169°10.2'E
	Add	Position circle (accurate) with legend "FS (r. lt.)" Range light, rear Q 70ft 5M Range line extending in 119°26' direction from above rear light dashed for 0.45 mile, thence solid for 2.0 miles Legend "Lights in line 299°26'" along above range line	52°32'52"S 169°09'02"E 52°32'36"S 169°10'05"E 52°33'42"S 169°13'24"E
76211	3Ed. 10/27/69 LAST NM 51/86		(45(320), 46(330)87 Auckland; BA CH 1022) 3/88
	Delete	Submerged rock Depth 13 fathoms	52°33.8'S 169°15.7'E 52°33.0'S 169°11.4'E
	Substitute	Depth 0 fathom 4 feet for 3 fathoms	52°33'03"S 169°10'23"E
	Add	Depths 30 fathoms 33 fathoms 35 fathoms 10 fathoms 3 feet 4 fathoms 2 feet 18 fathoms	52°29'48"S 169°17'46"E 52°30'49"S 169°19'54"E 52°31'09"S 169°17'39"E 52°32'58"S 169°11'26"E 52°33'50"S 169°15'11"E 52°34'32"S 169°15'10"E
76211	3Ed. 10/27/69 LAST NM 3/88		(19(143)88 Auckland) 36/88
	Add	Depth 15 fathoms	52°27'27"S 169°15'38"E

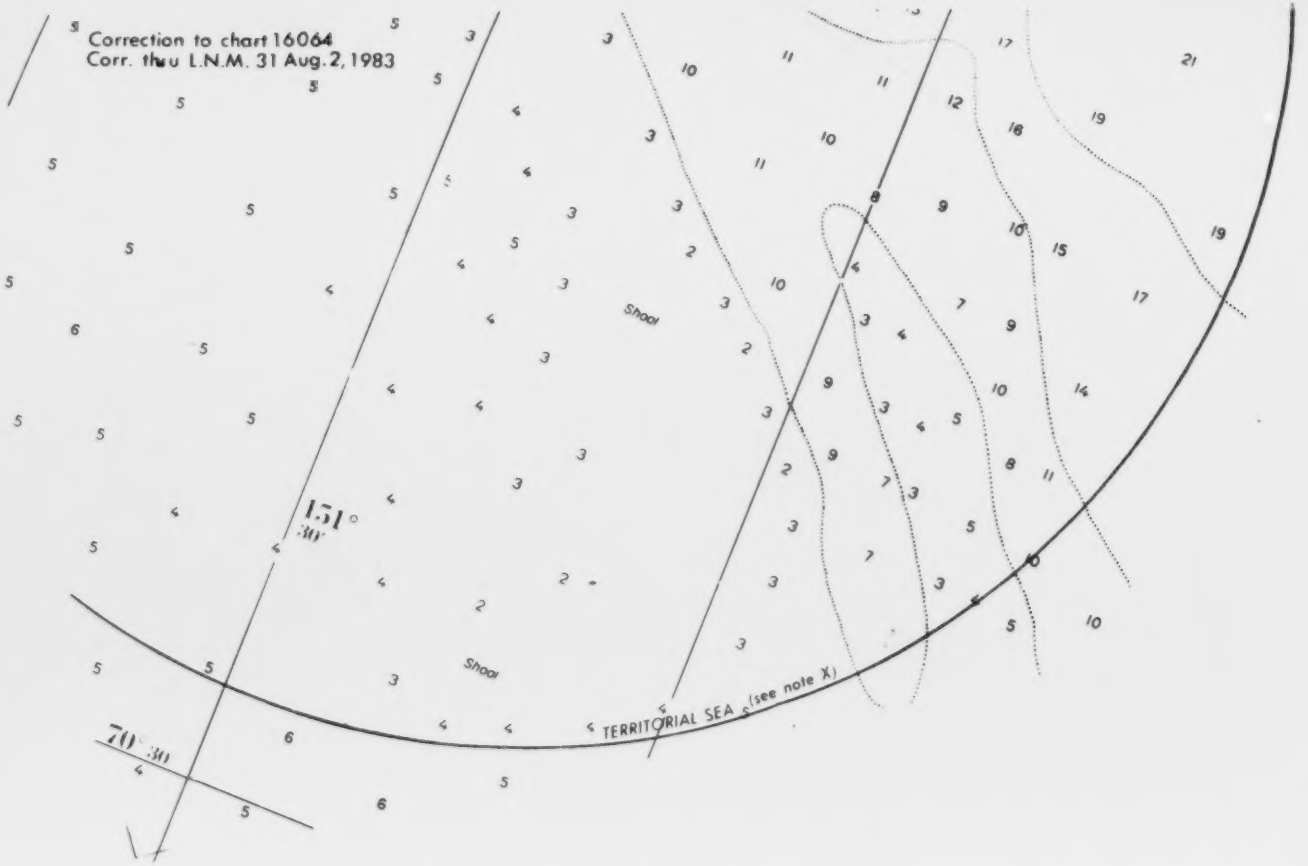


CHARTLETS
DEPTH TABS
AND NOTES

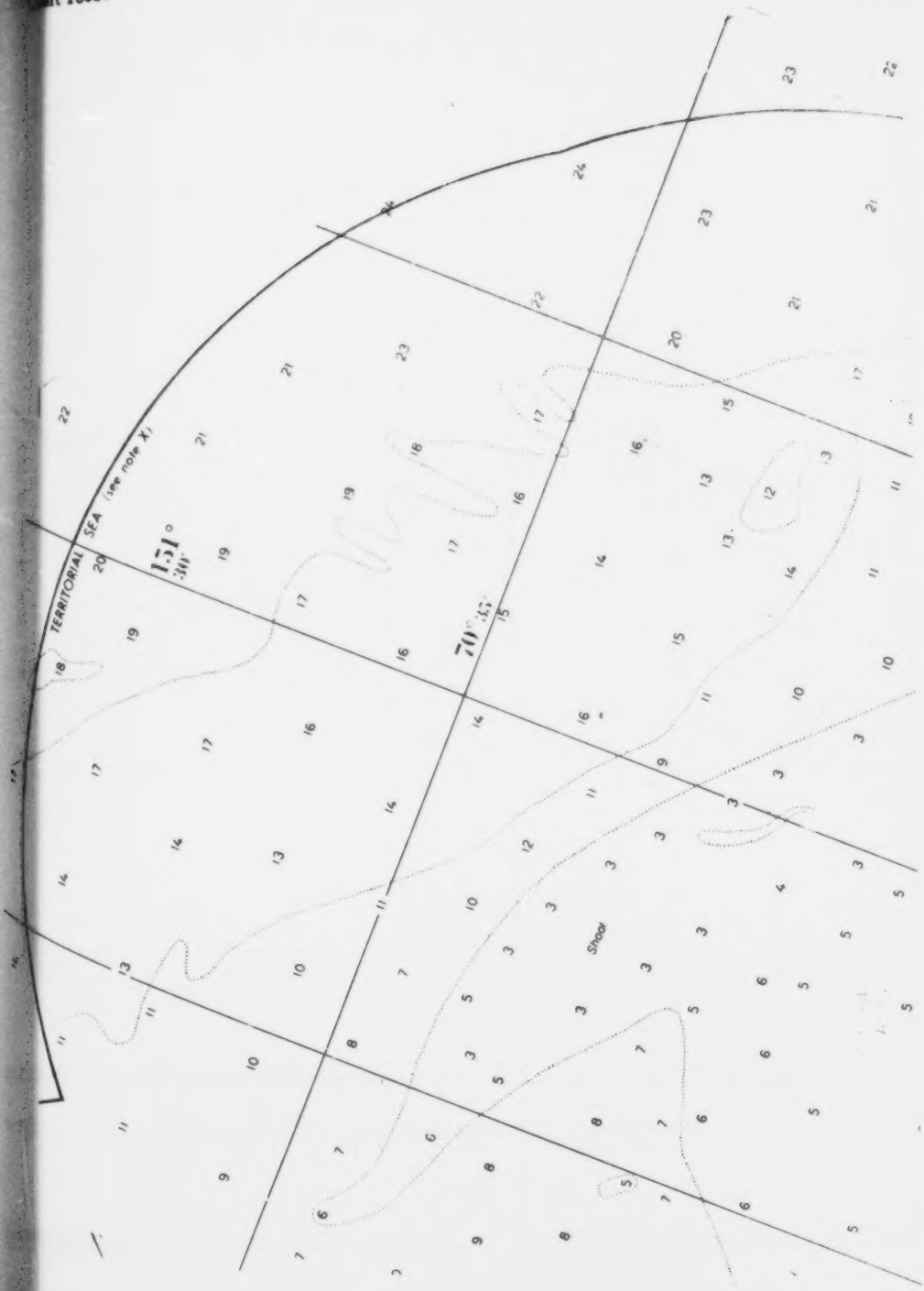


CHARTLETS
DEPTH TABS
AND NOTES

CHARTLETS
DEPTH TABS
AND NOTES

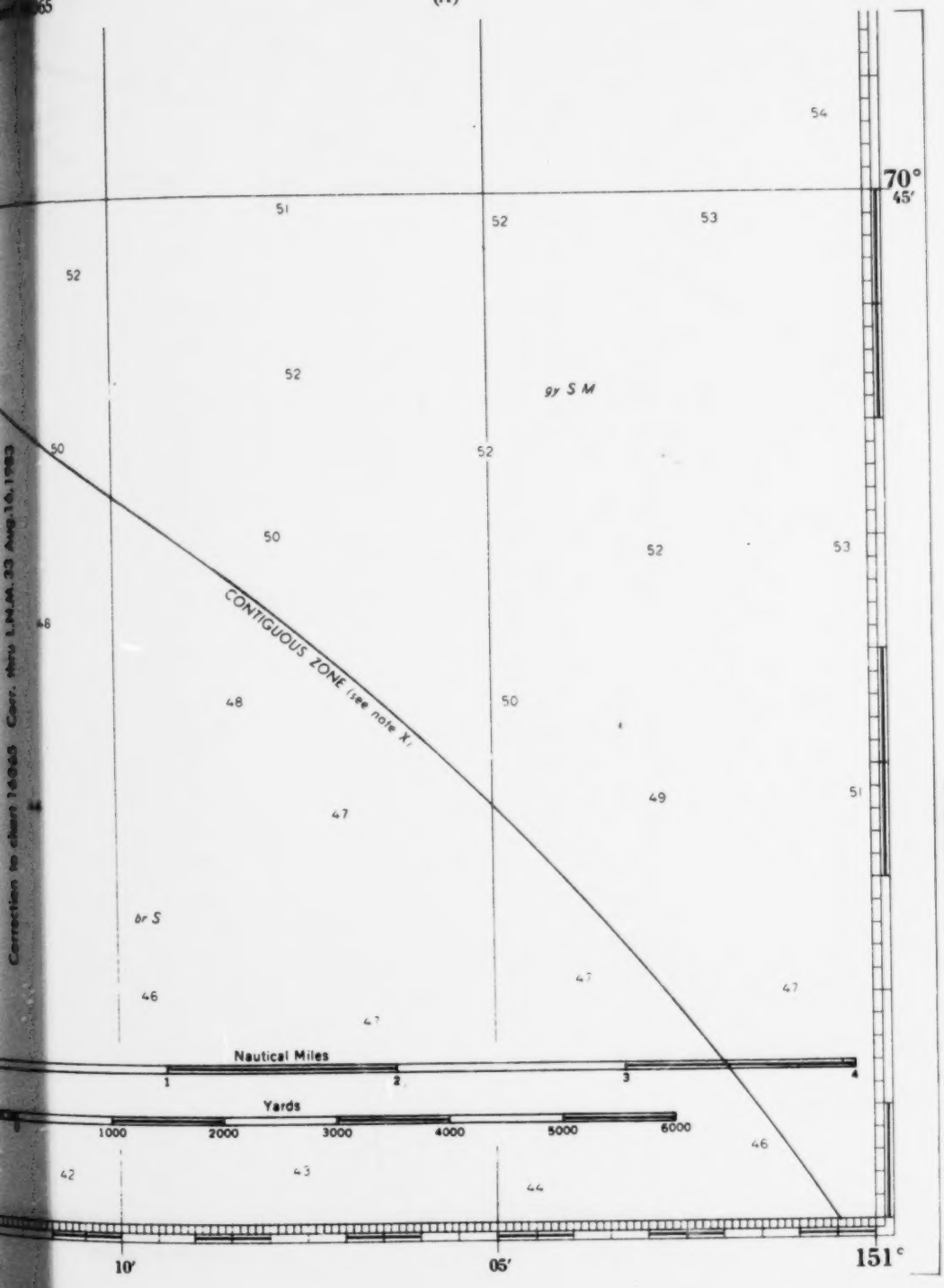


CHARTLETS
DEPTH TABS
AND NOTES

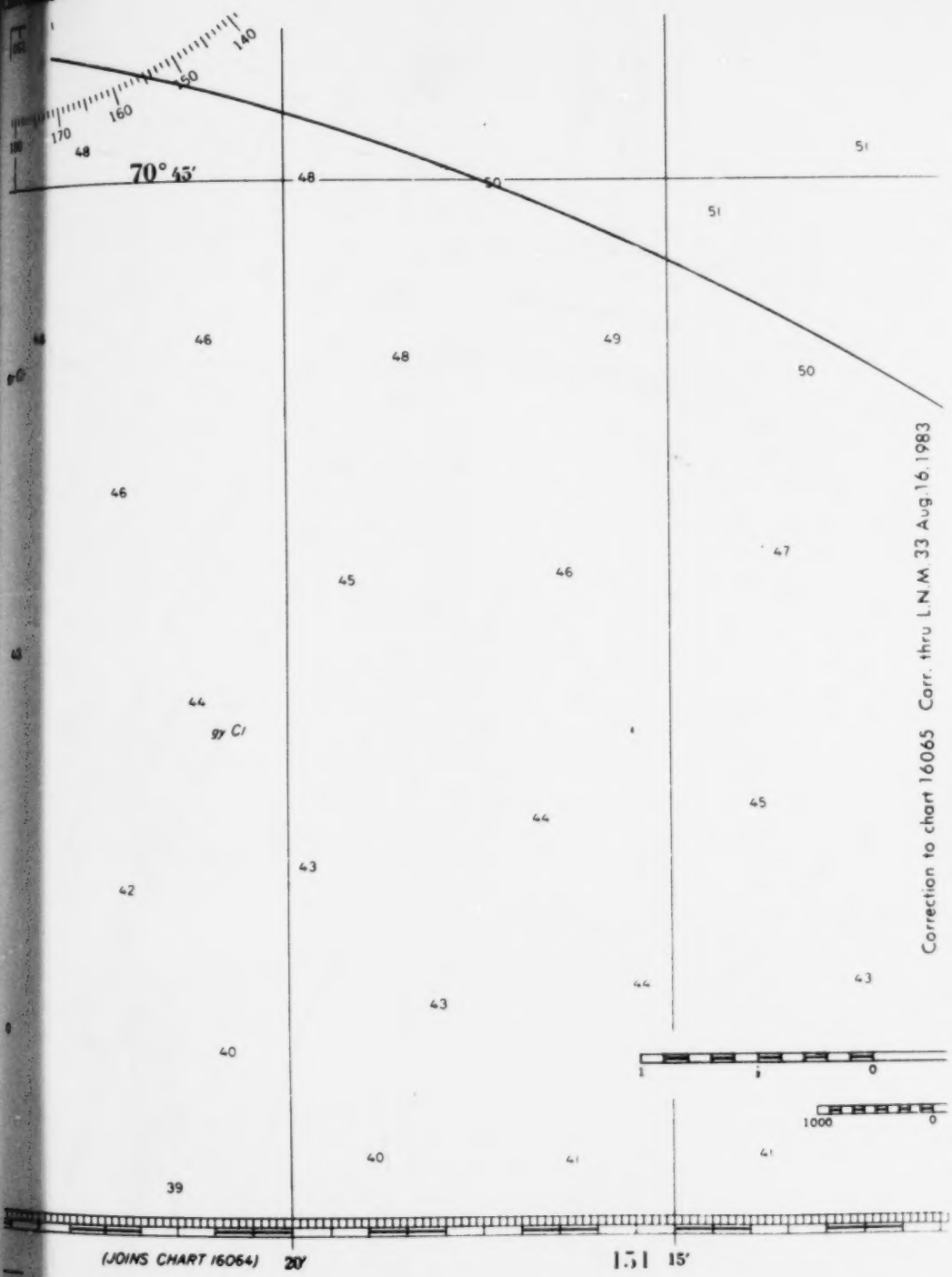


CHARTLETS
DEPTH TABS
AND NOTES

(A)

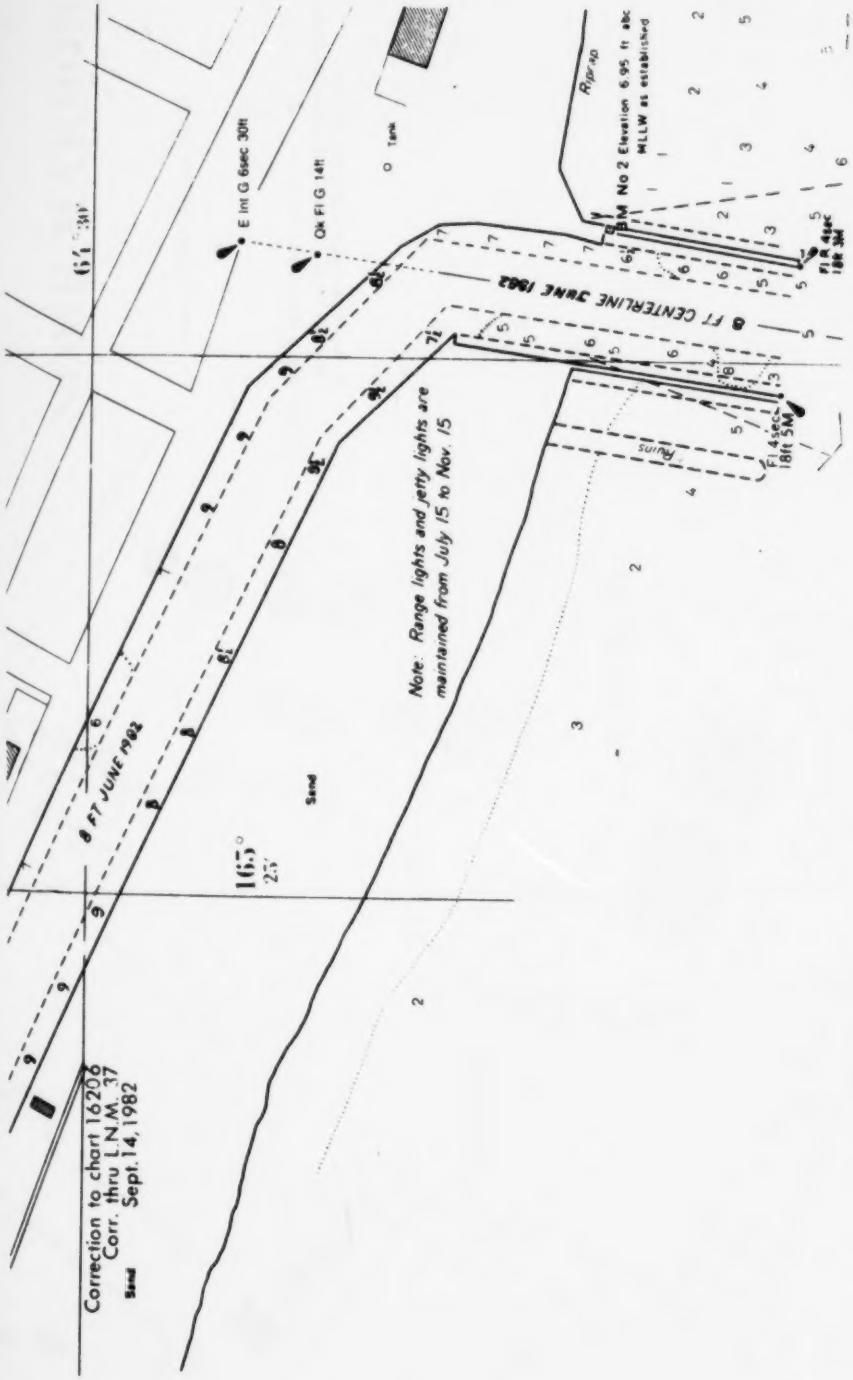


CHARTLETS
DEPTH TABS
AND NOTES



Correction to chart 16065 Corr. thru L.N.M. 33 Aug. 16. 1983

CHARTLETS
DEPTH TABS
AND NOTES



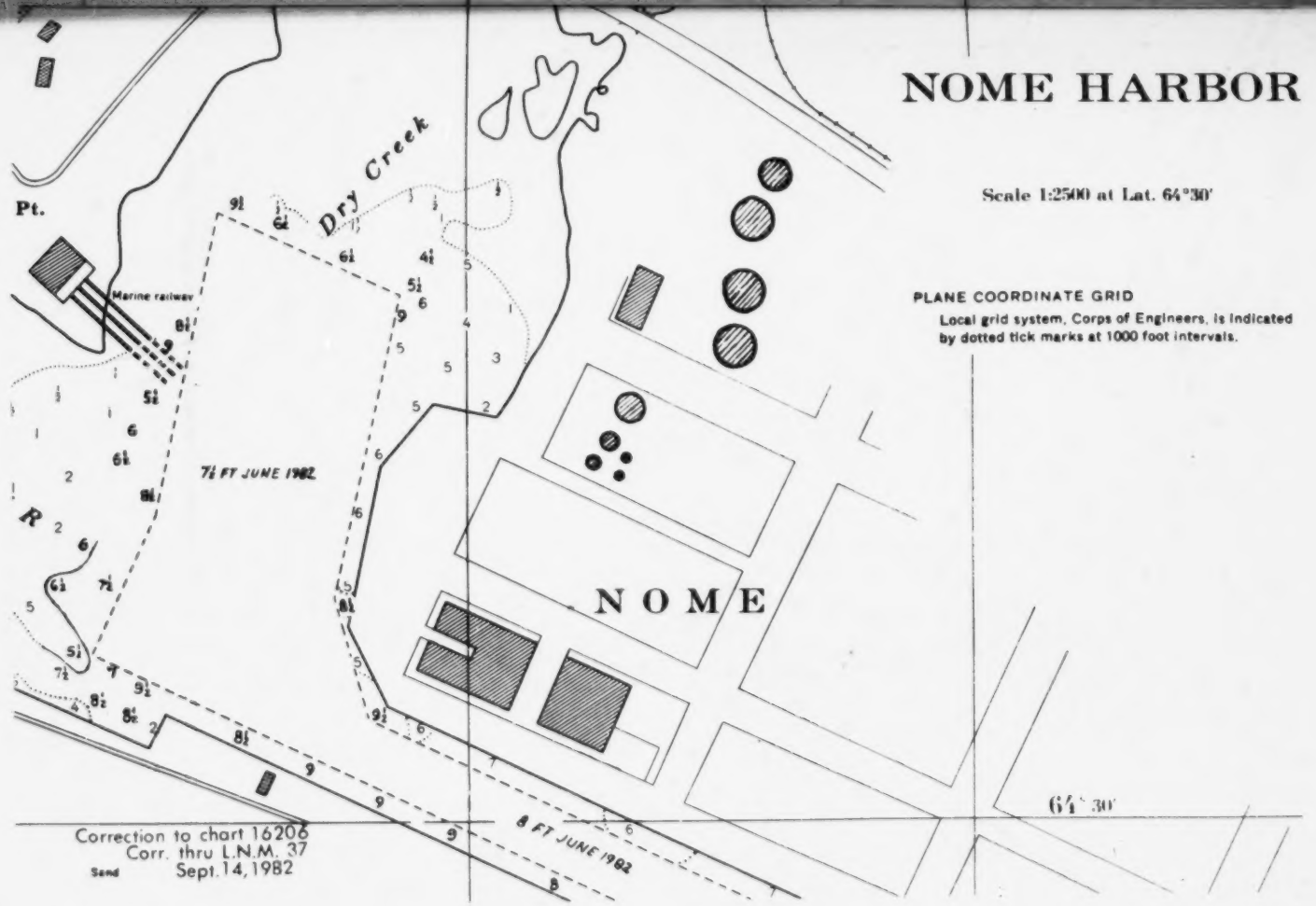
CHARTLETS
DEPTH TABS
AND NOTES

NOME HARBOR

Scale 1:2500 at Lat. 64°30'

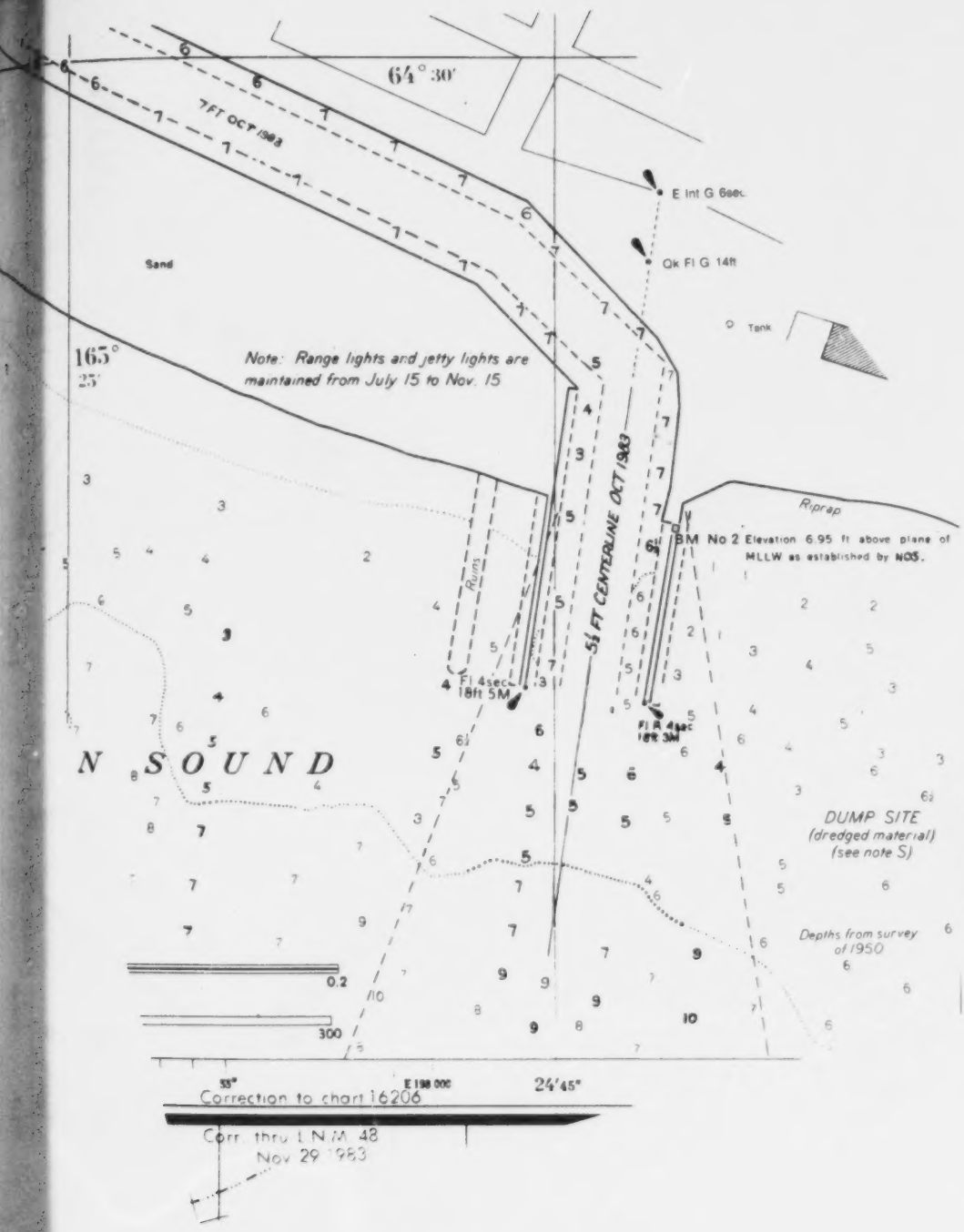
PLANE COORDINATE GRID

Local grid system, Corps of Engineers, is indicated by dotted tick marks at 1000 foot intervals.



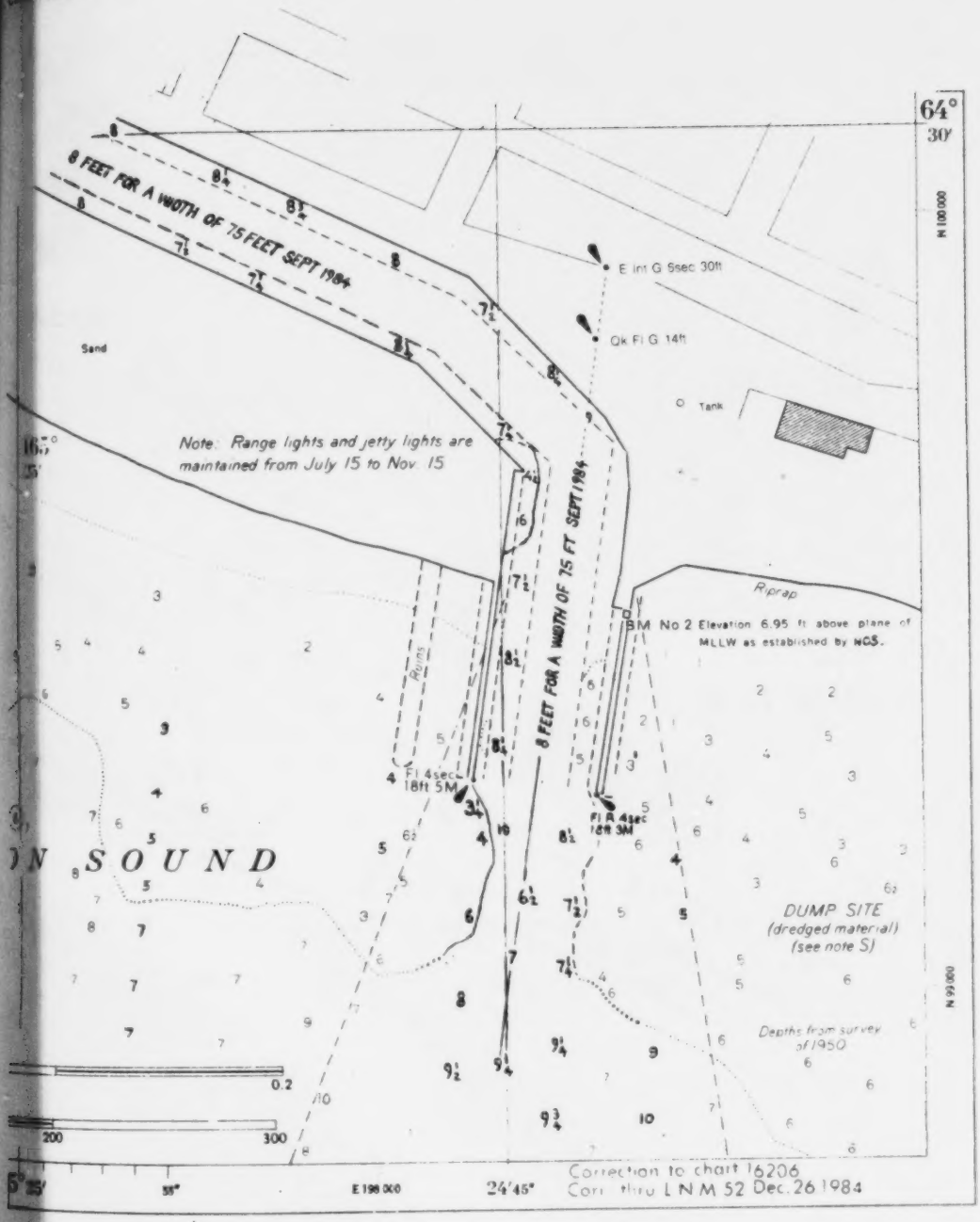
CHARTLETS
DEPTH TABS
AND NOTES

(A)

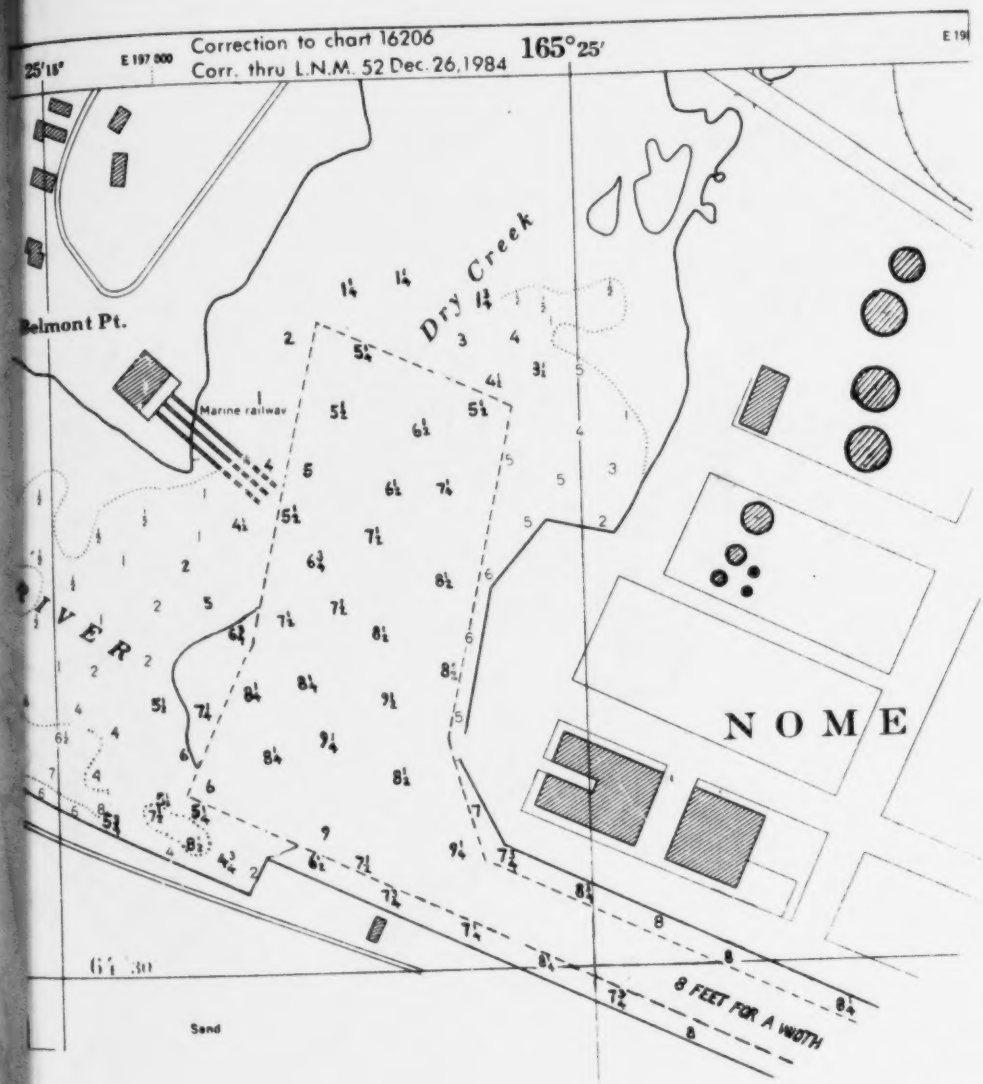


CHARTLETS DEPTH TABS AND NOTES

CHARTLETS
DEPTH TABS
AND NOTES

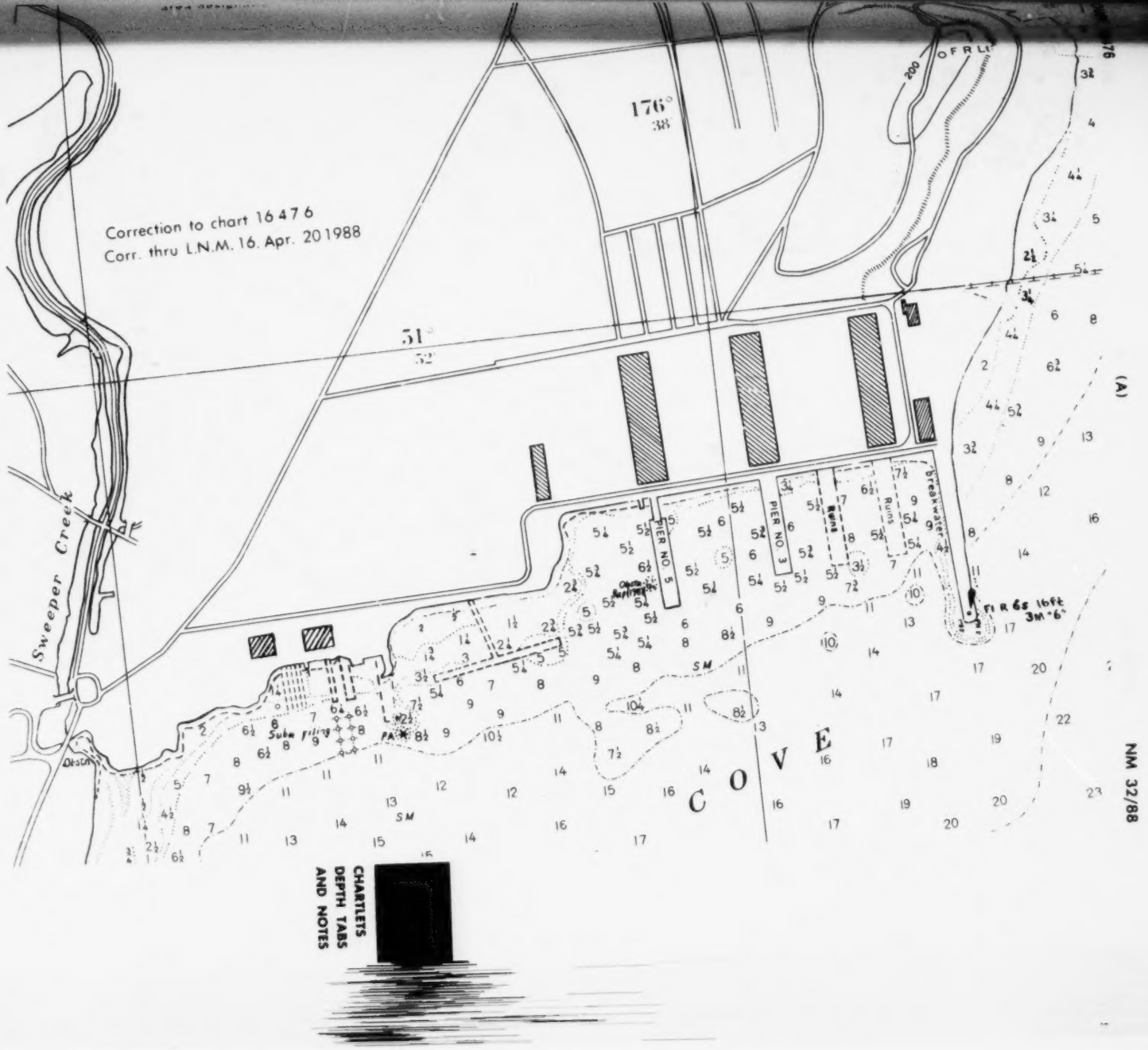


CHARTLETS DEPTH TABS AND NOTES

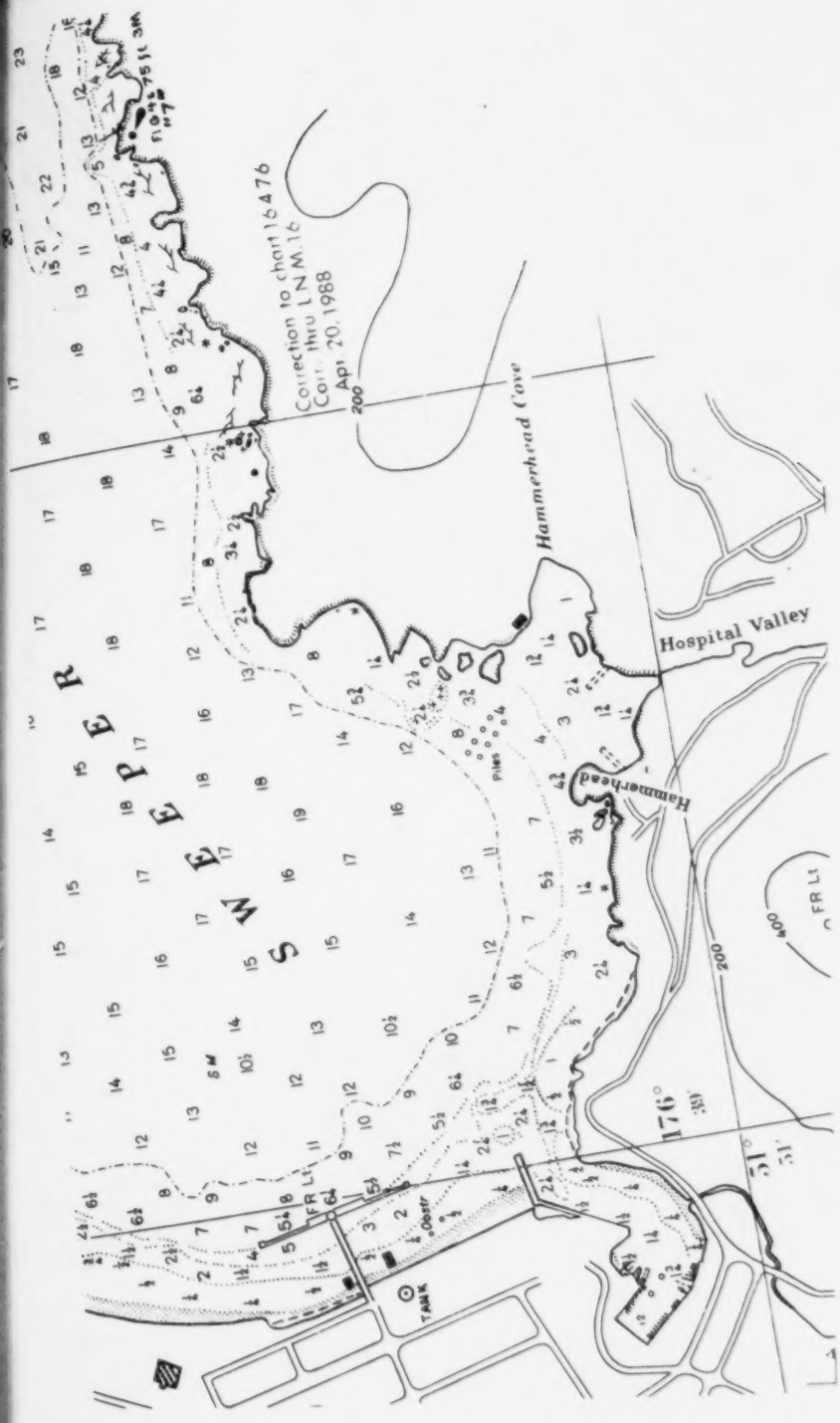


CHARTLETS
DEPTH TABS
AND NOTES

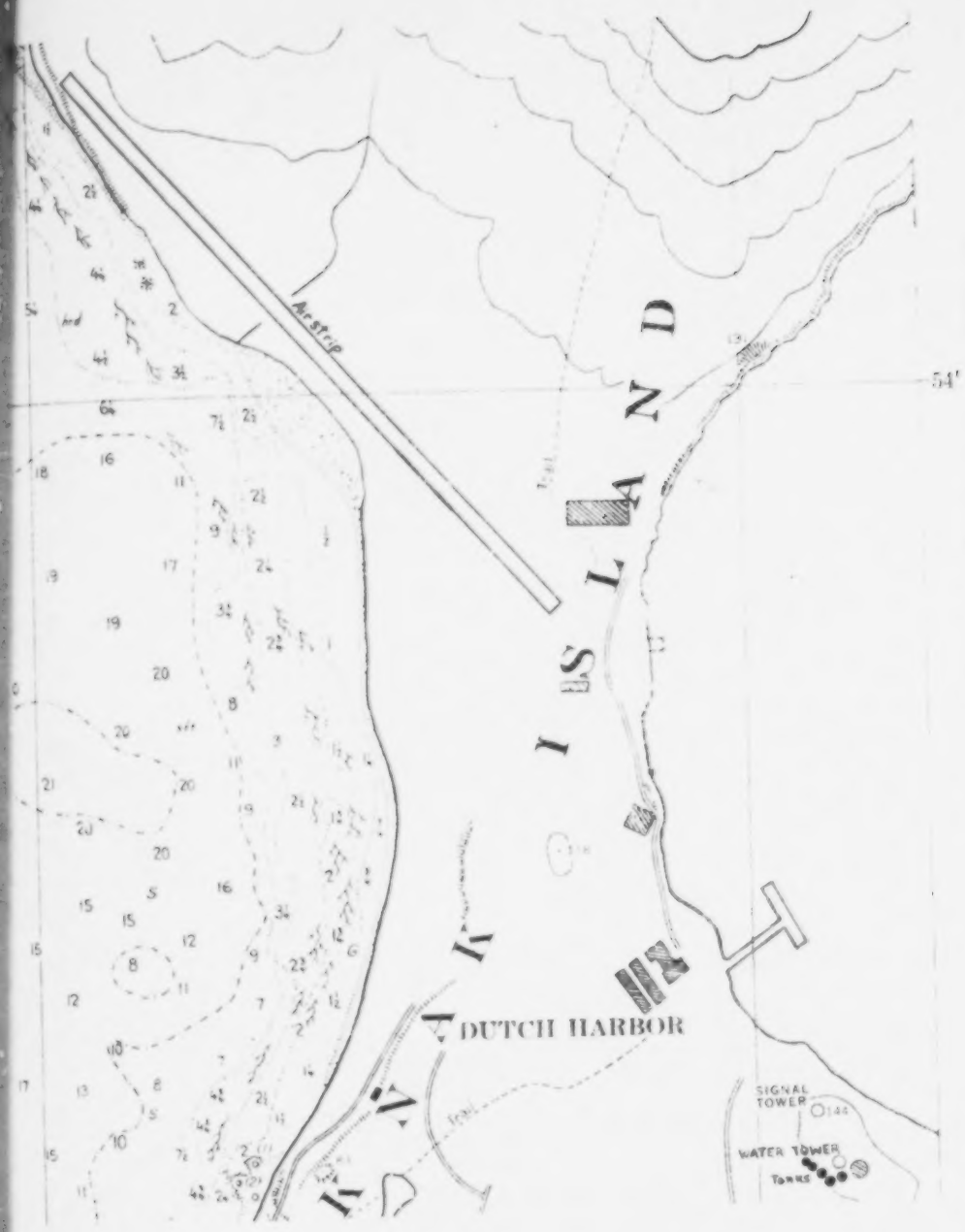
CHARTLETS
DEPTH TABS
AND NOTES



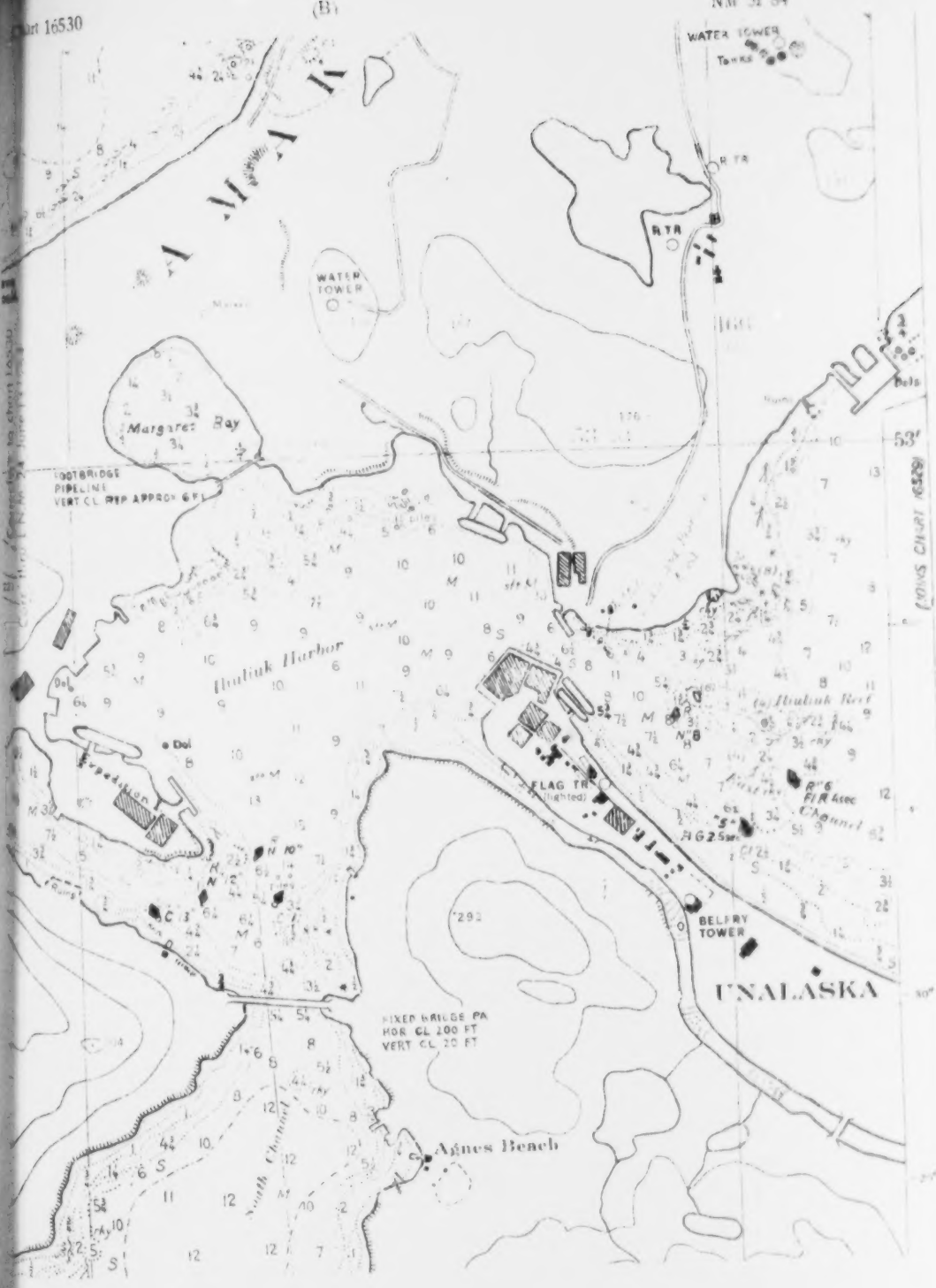
CHARTLETS
DEPTH TABS
AND NOTES



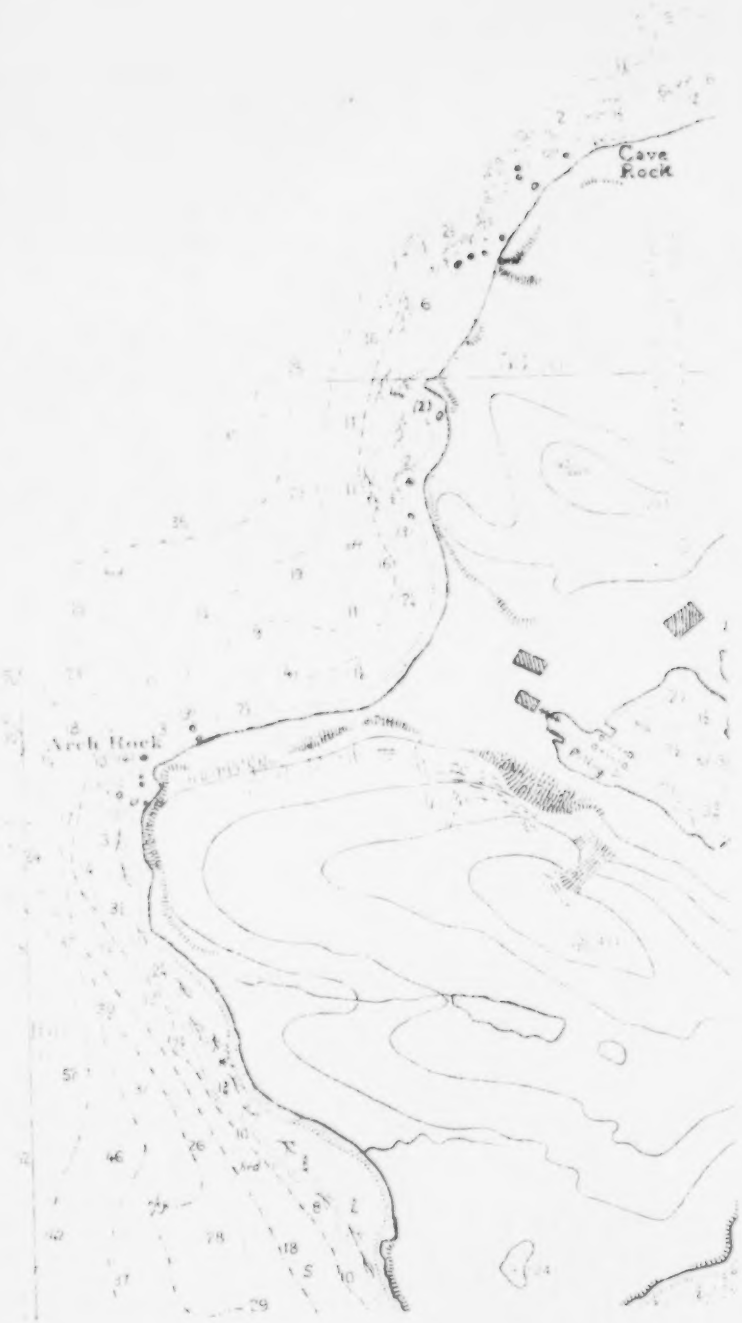
CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

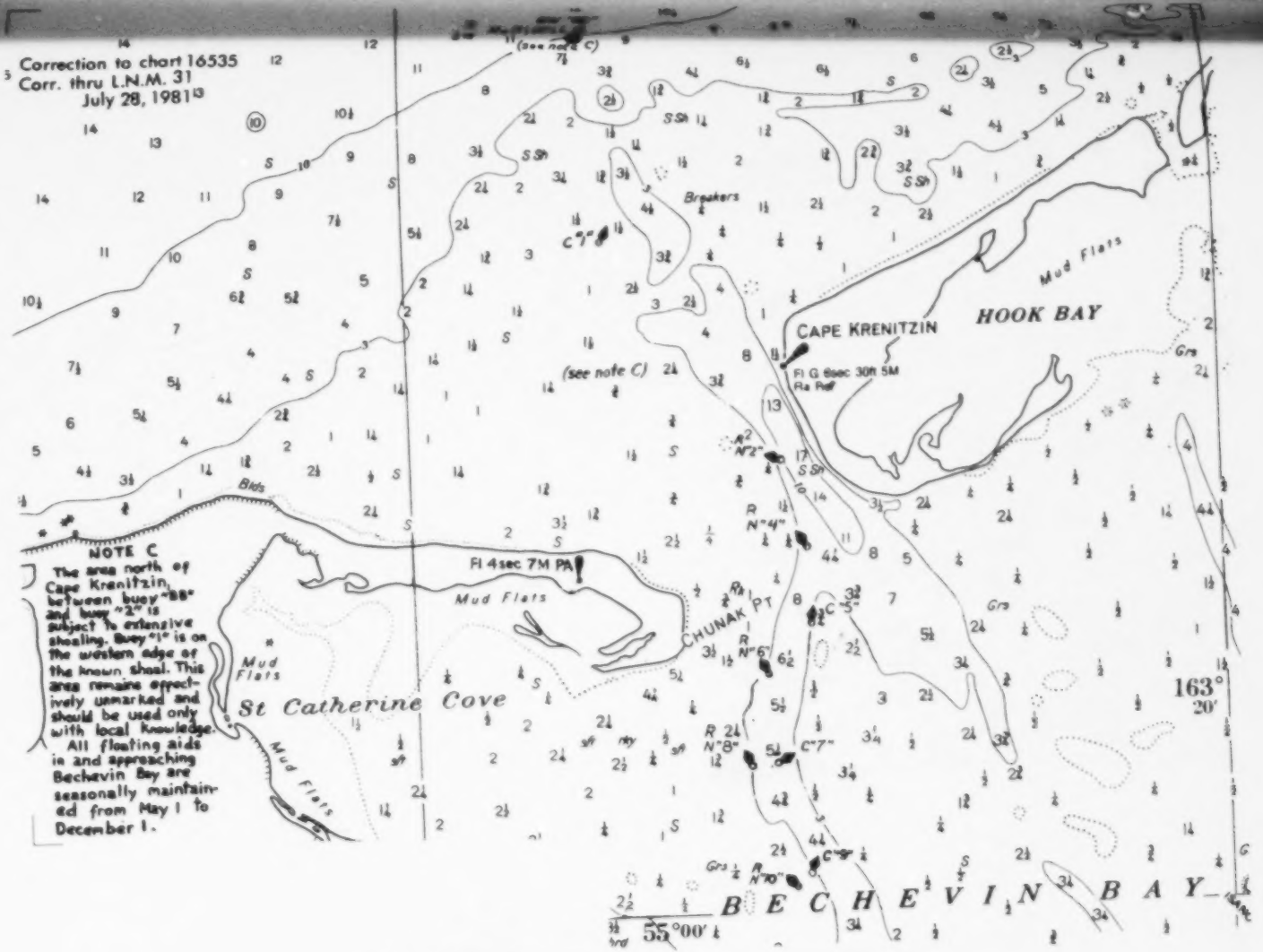


CHARTLETS
DEPTH TABS
AND NOTES

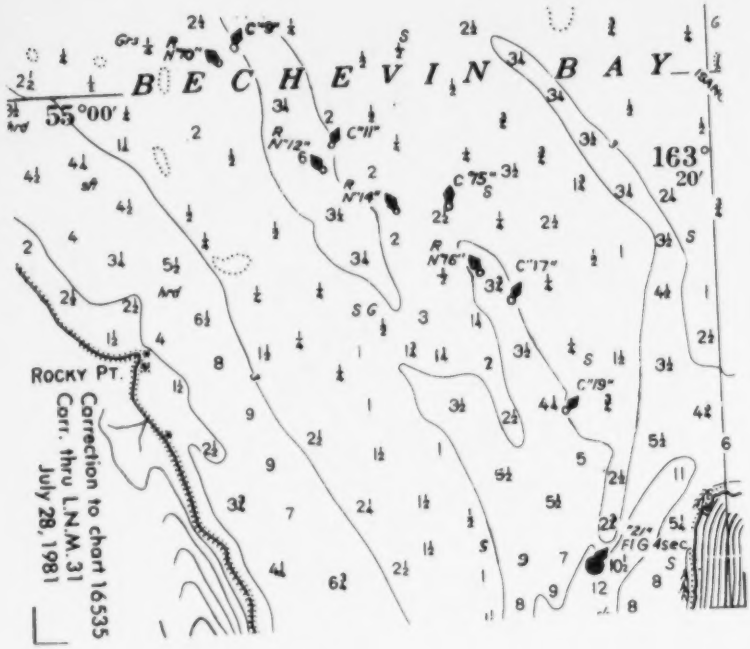


CHARTLETS
DEPTH TABS
AND NOTES

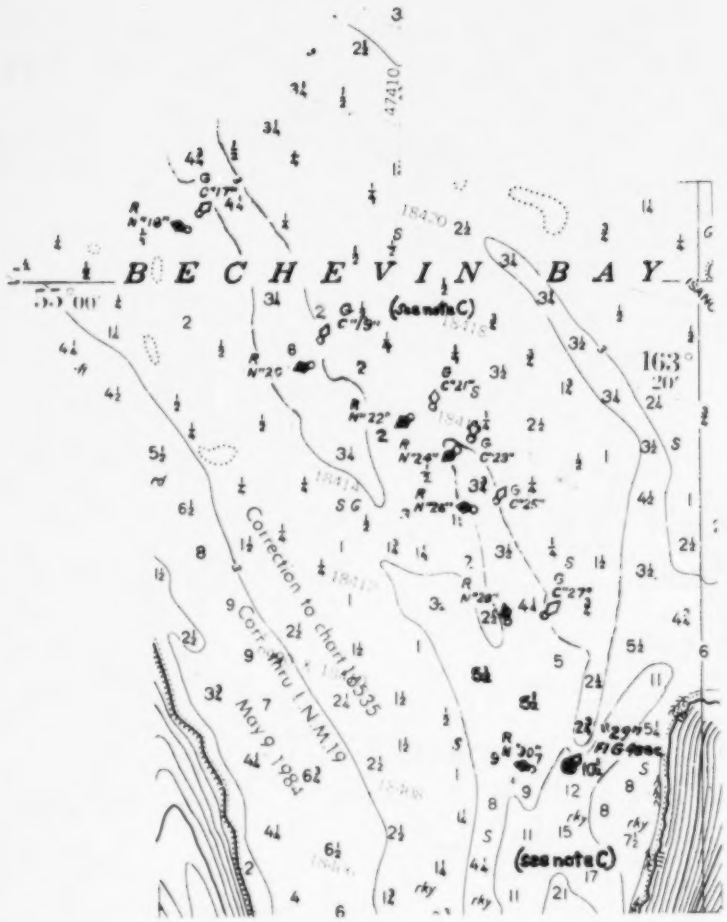
Correction to chart 16535
Corr. thru L.N.M. 31
July 28, 1981



CHARTLETS
DEPTH TABS
AND NOTES

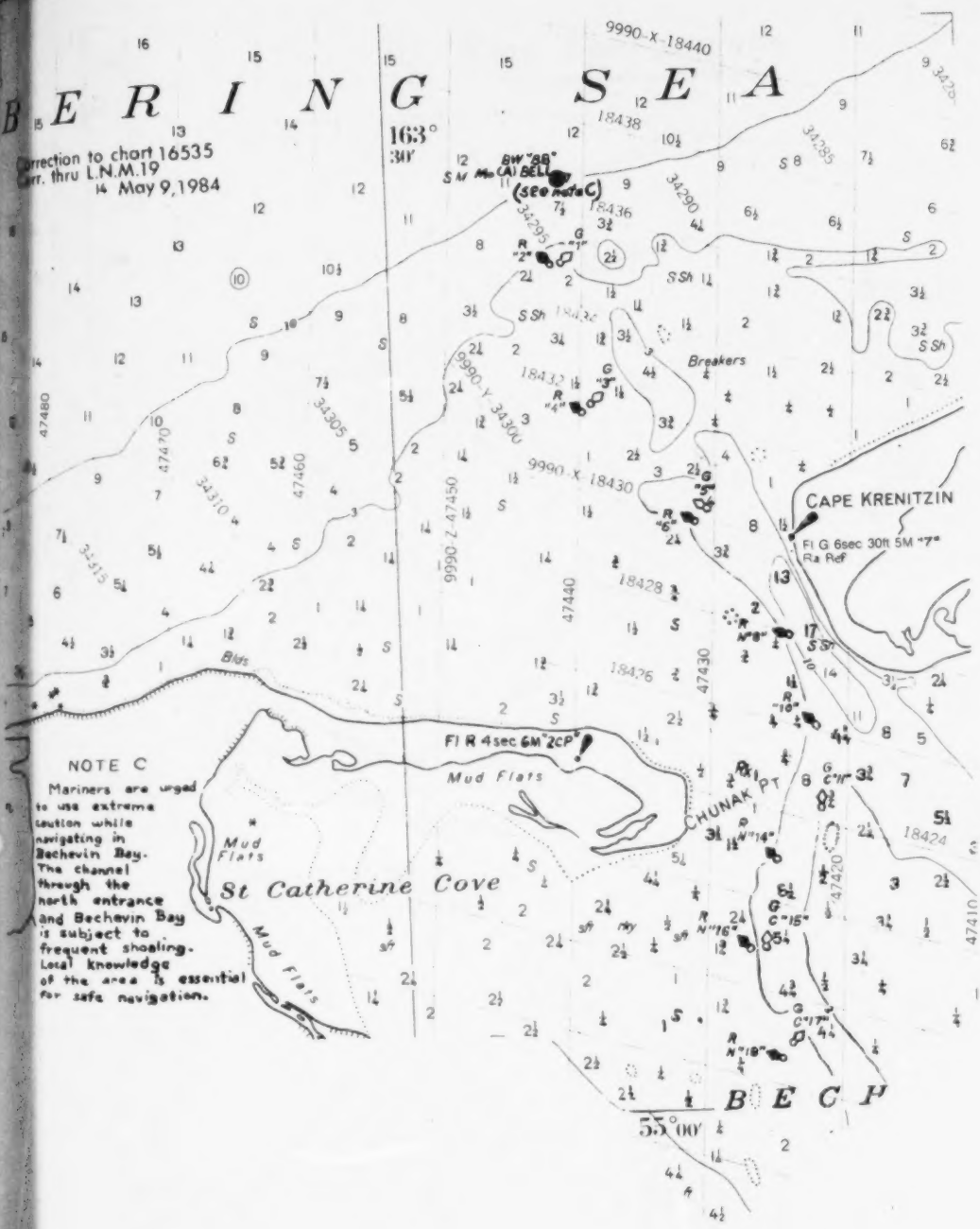


CHARTLETS
DEPTH TABS
AND NOTES

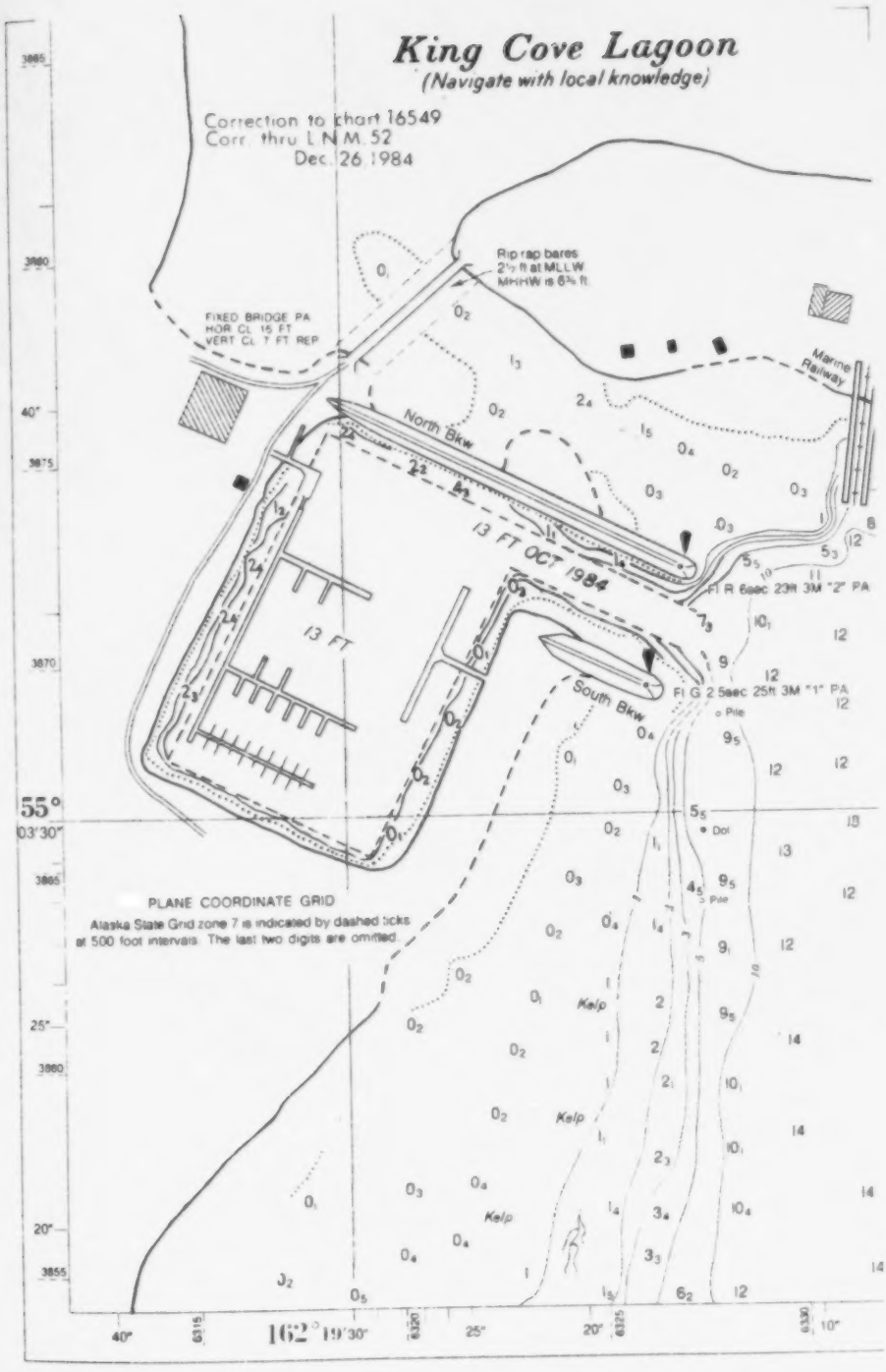


CHARTLETS
DEPTH TABS
AND NOTES

(B)



CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

CHART 16595

CHARTLETS
DEPTH TABS
AND NOTES

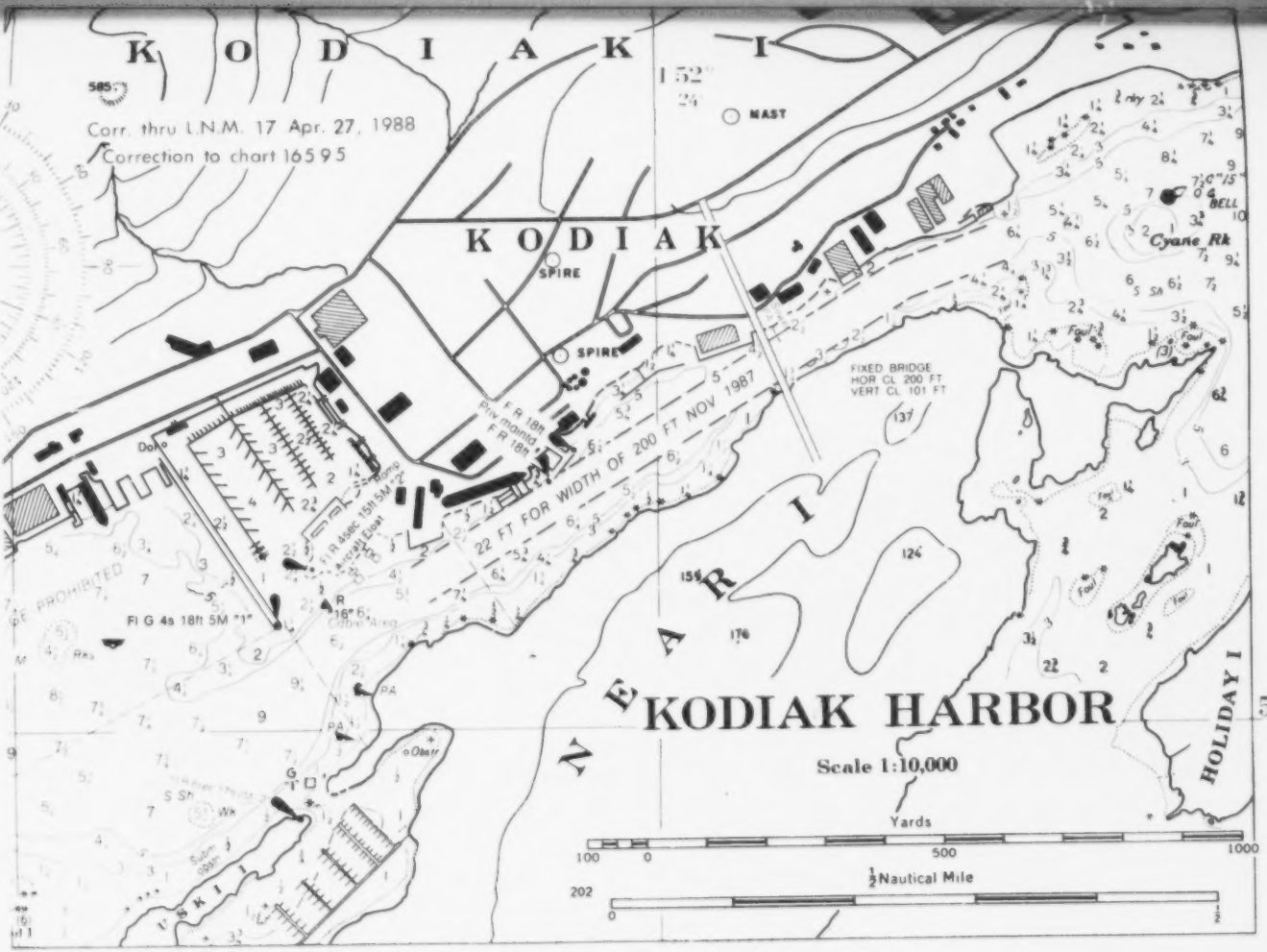
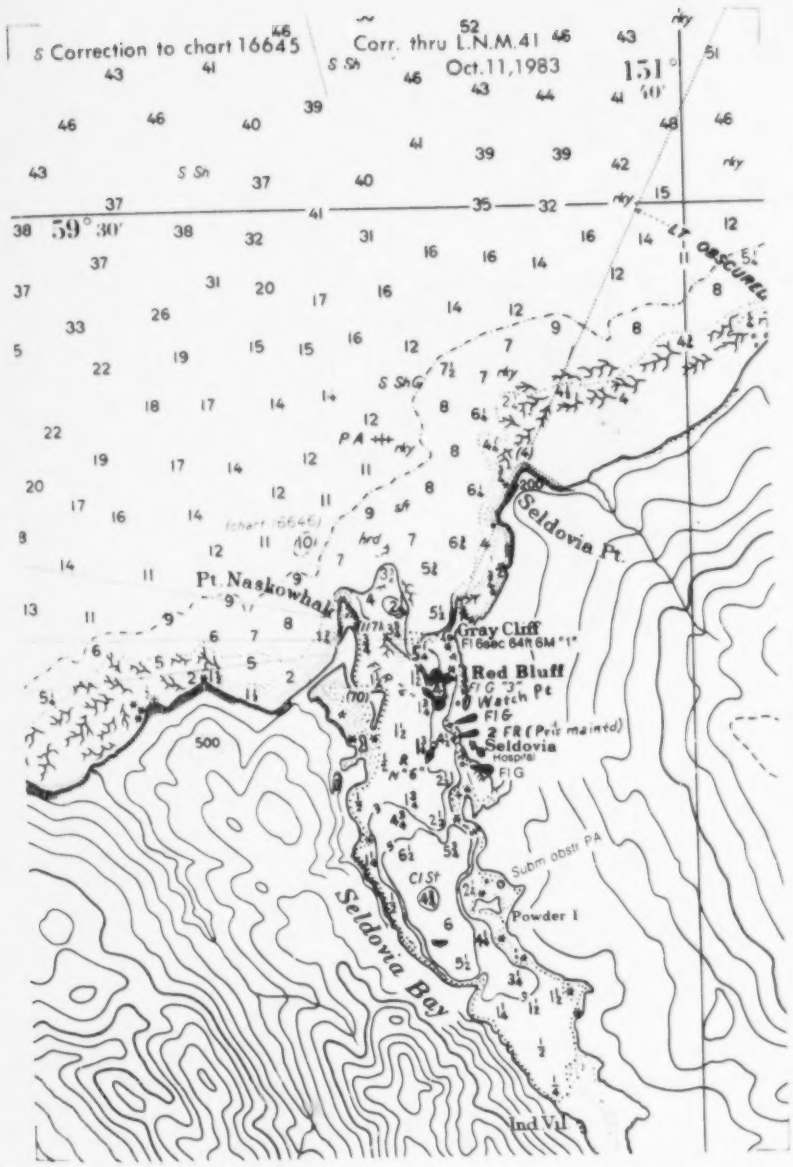


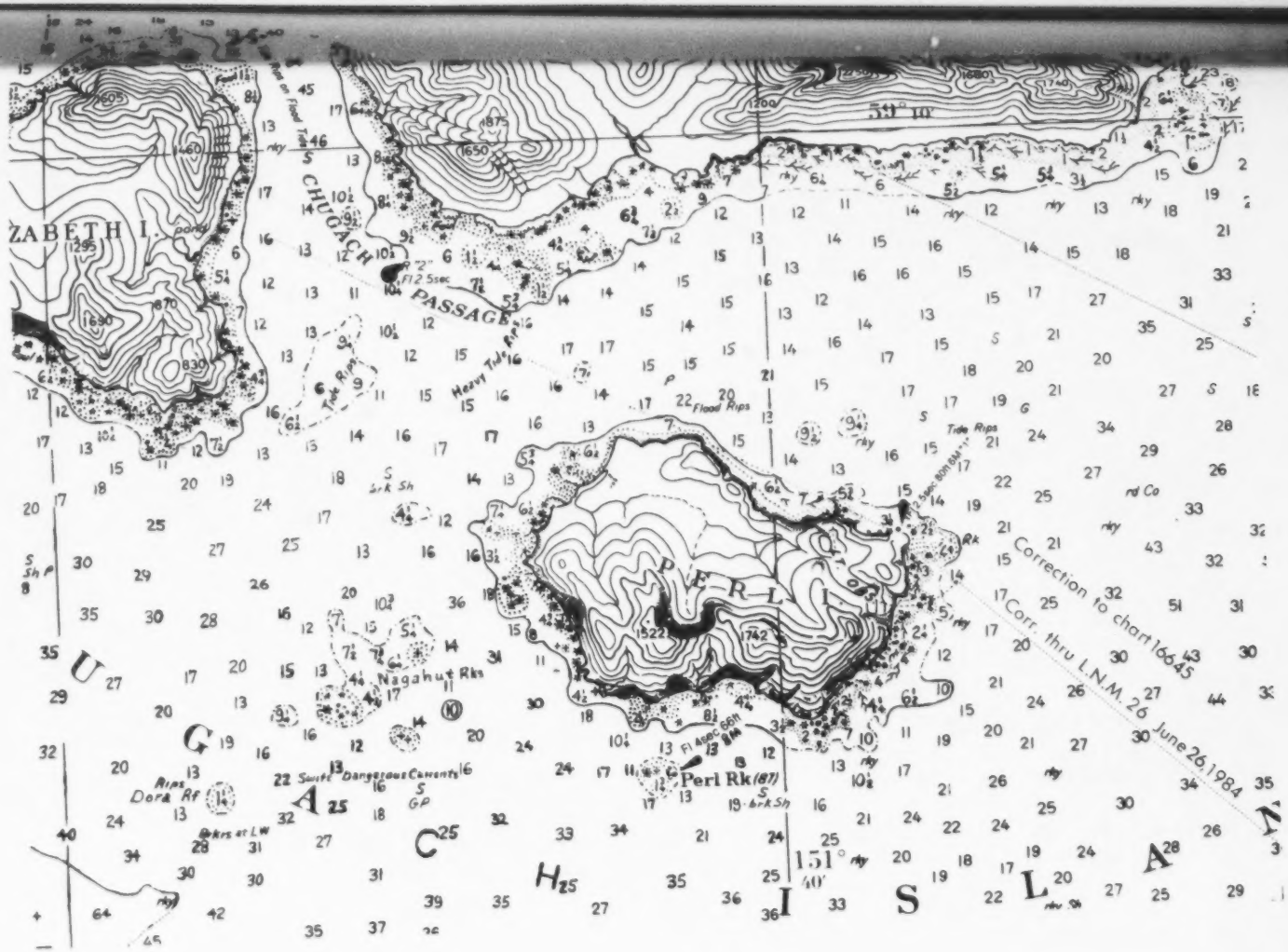
CHART 16595 (INSET)

NM 26/88

CHARTLETS
DEPTH TABS
AND NOTES



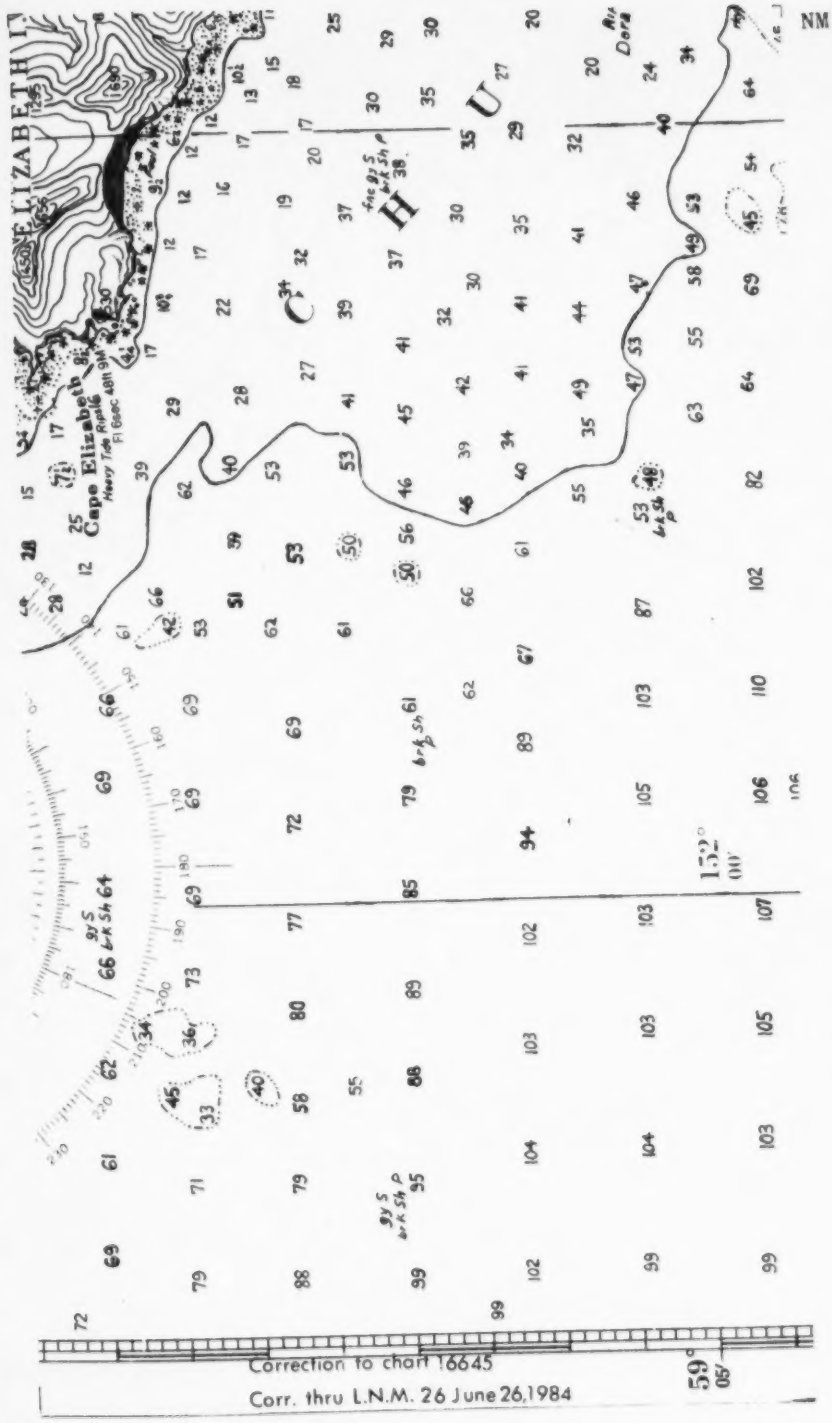
CHARTLETS
DEPTH TABS
AND NOTES



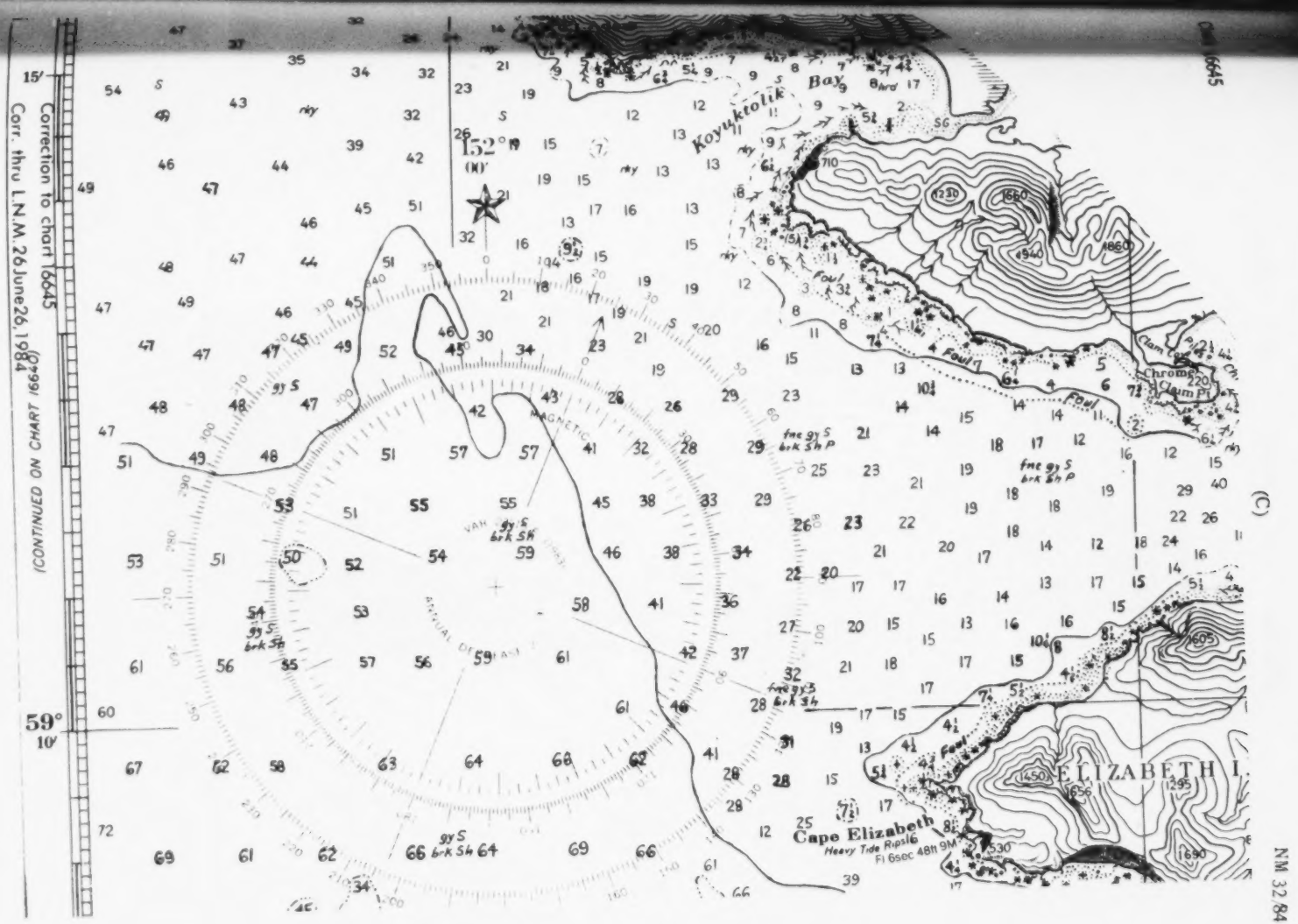
CHARTLETS
DEPTH TABS
AND NOTES

(B)

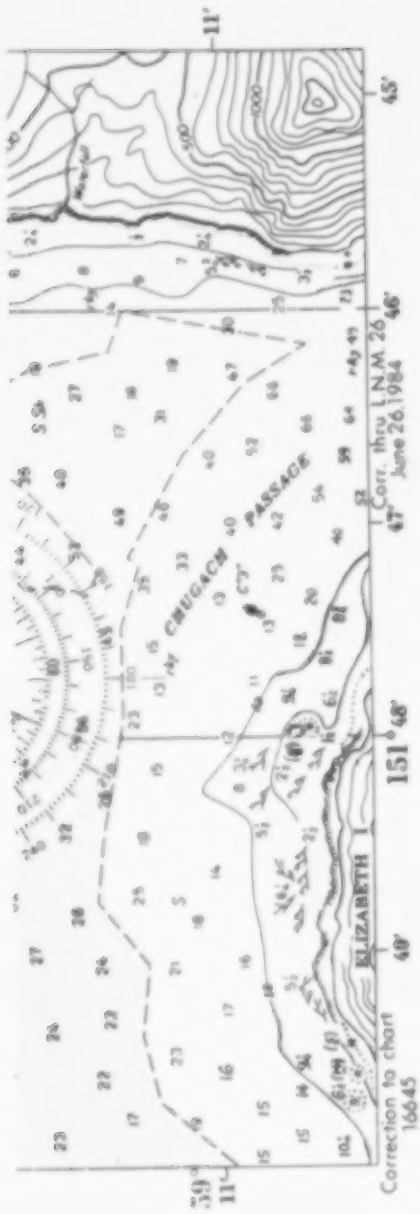
NM 32/84



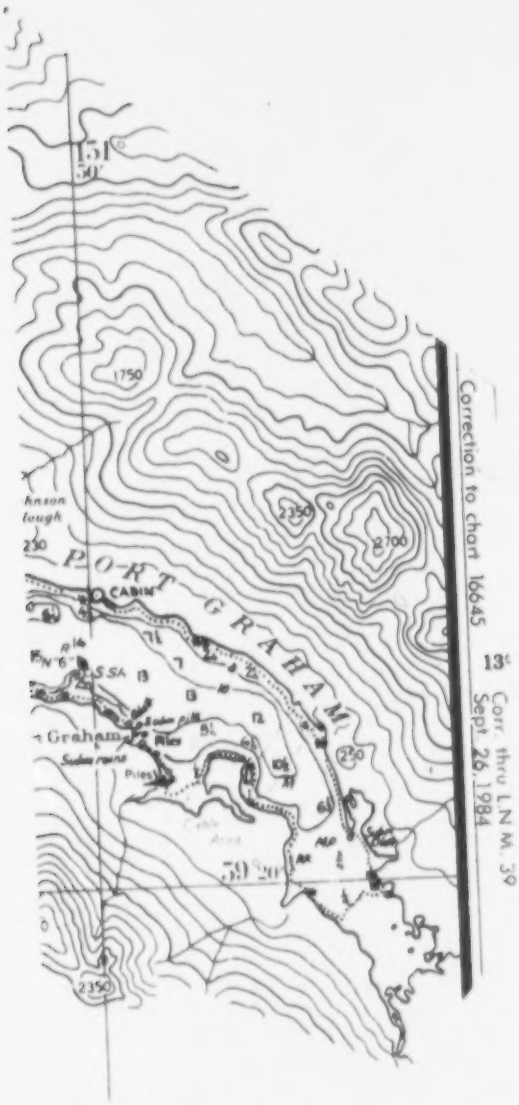
CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES



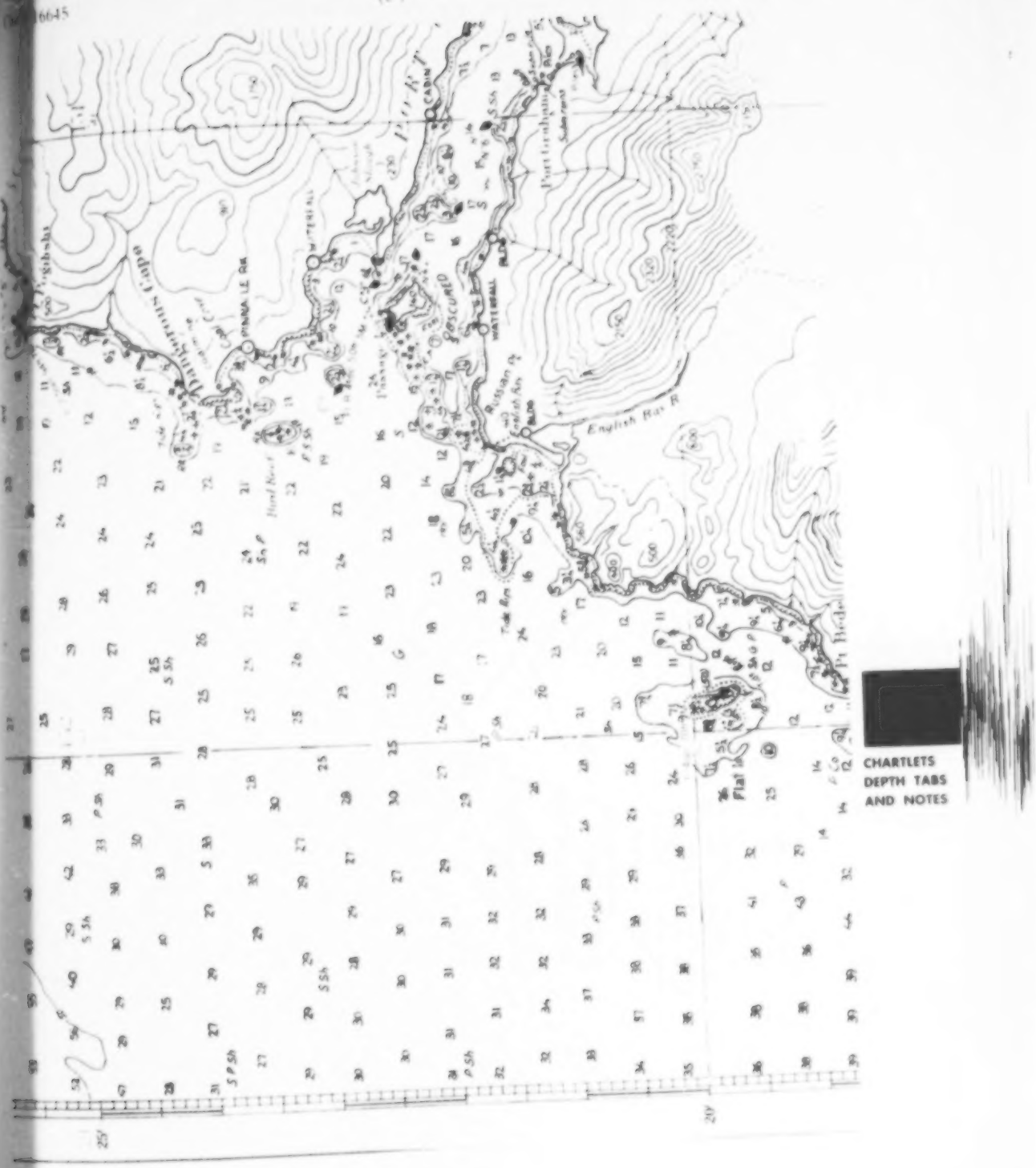
CHARTLETS
DEPTH TABS
AND NOTES

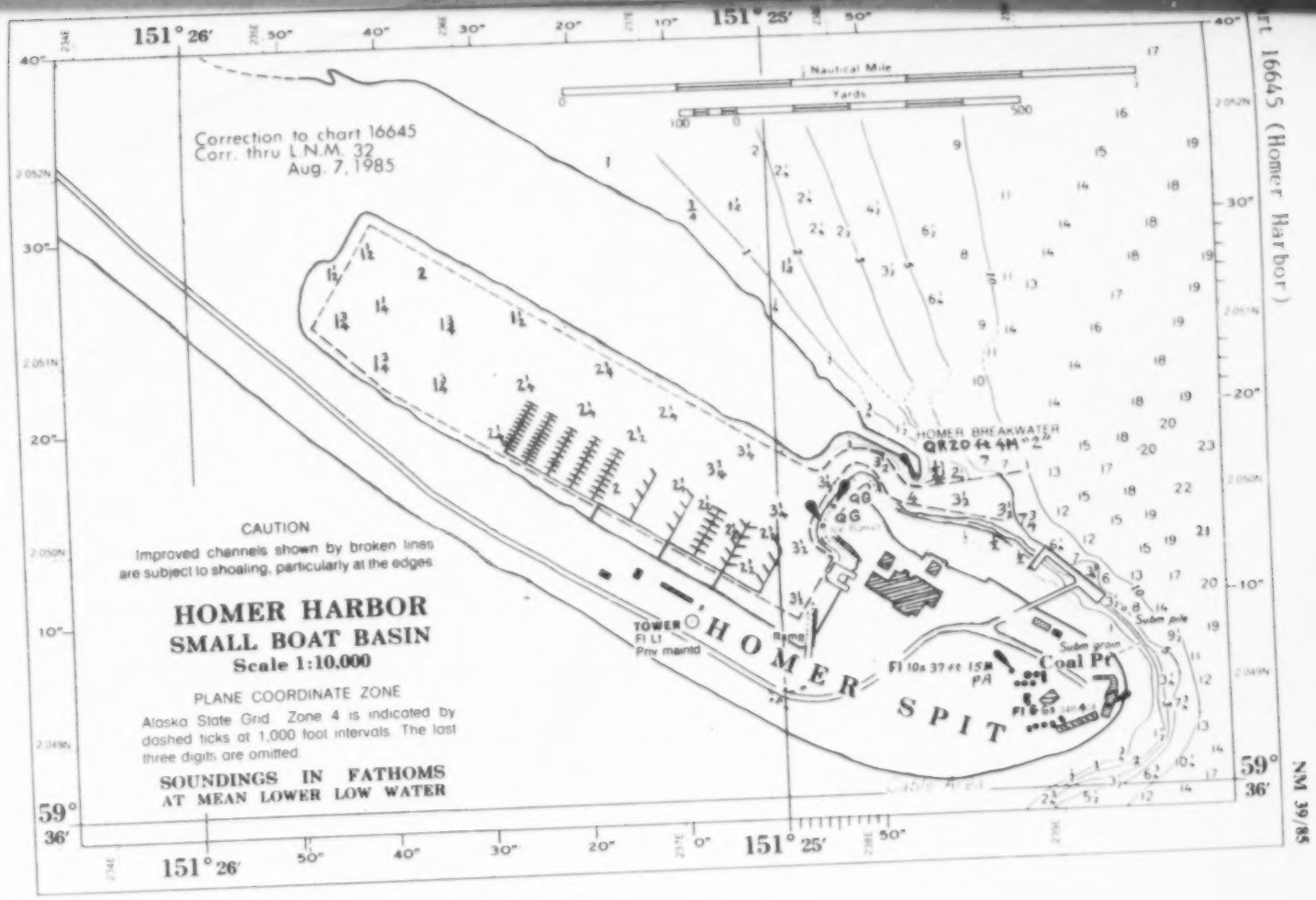


Correction to chart 16645 13
Corr. thru L.N.M. 39
Sept. 26, 1984

CHARTLETS
DEPTH TABS
AND NOTES

CHARTLETS
DEPTH TABS
AND NOTES


English Bay R
Flat
CHARTLETS
DEPTH TABS
AND NOTES

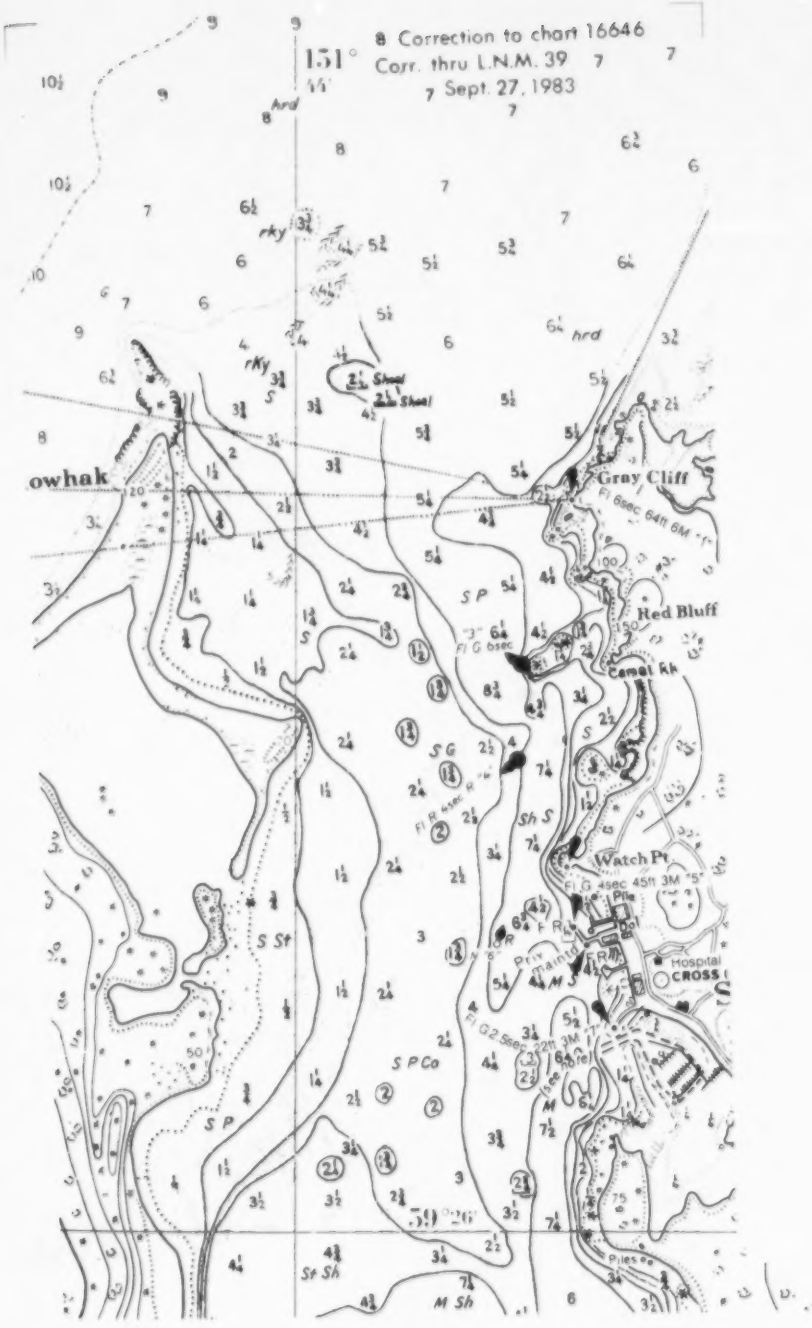


rt 16645 (Homer Harbor)

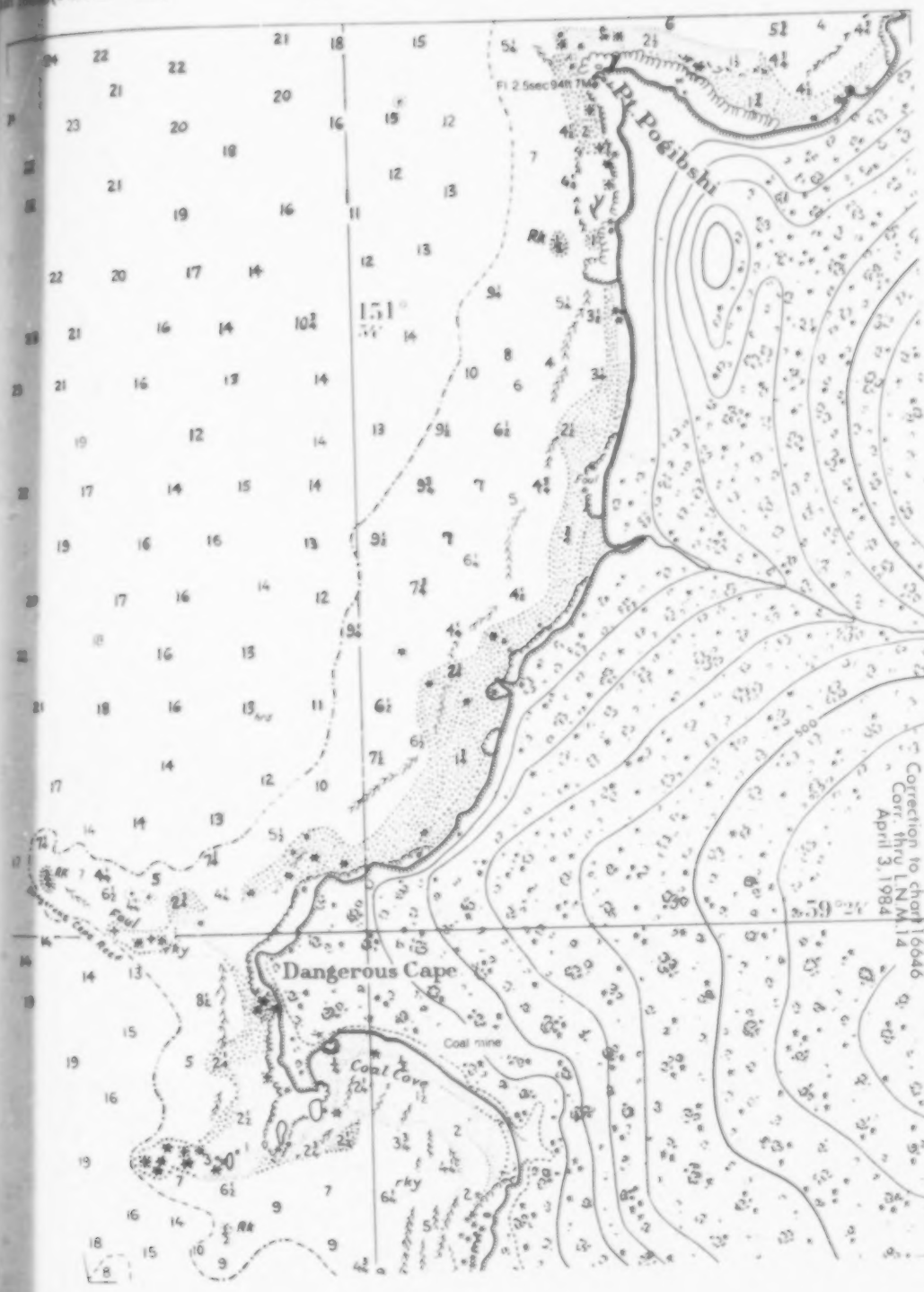
NM 39/85

CHARTLETS
DEPTH TABS
AND NOTES

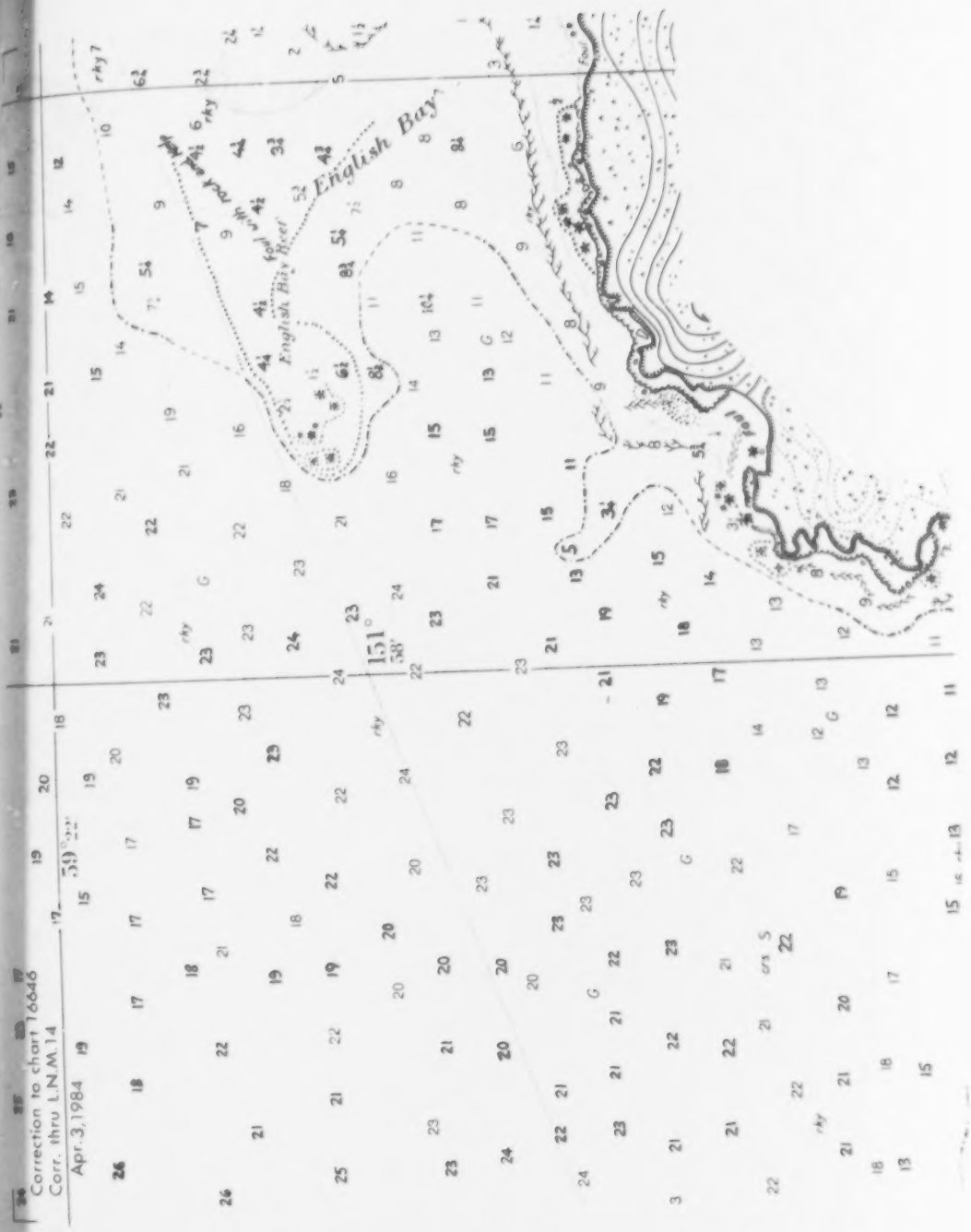
SELDOVIA BAY
Powder I
Corr. thru L/NM 39 Sept. 27, 1983
Correction to chart 16646
CHARTLETS
DEPTH TABS
AND NOTES



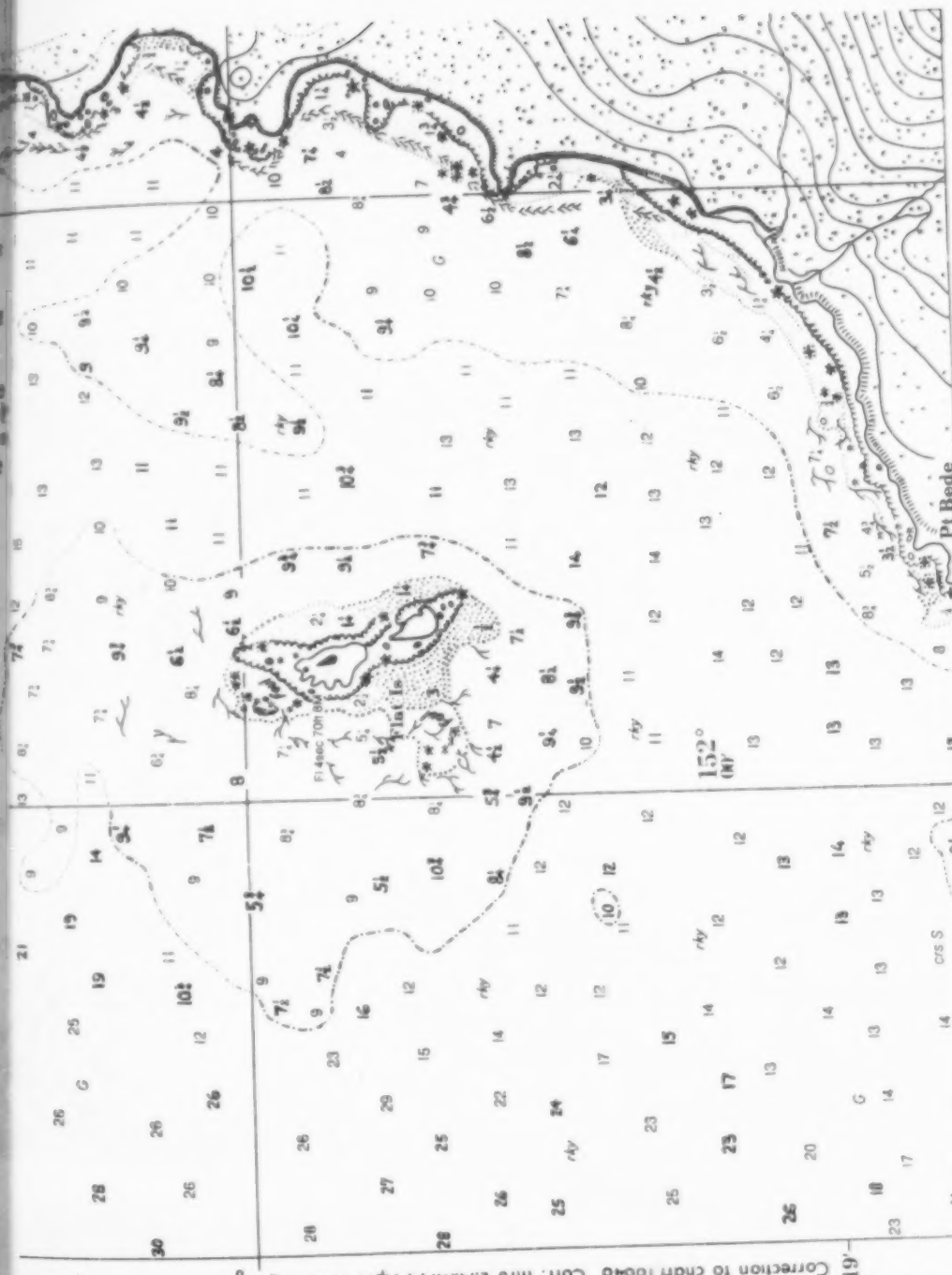
CHARTLETS
DEPTH TABS
AND NOTES



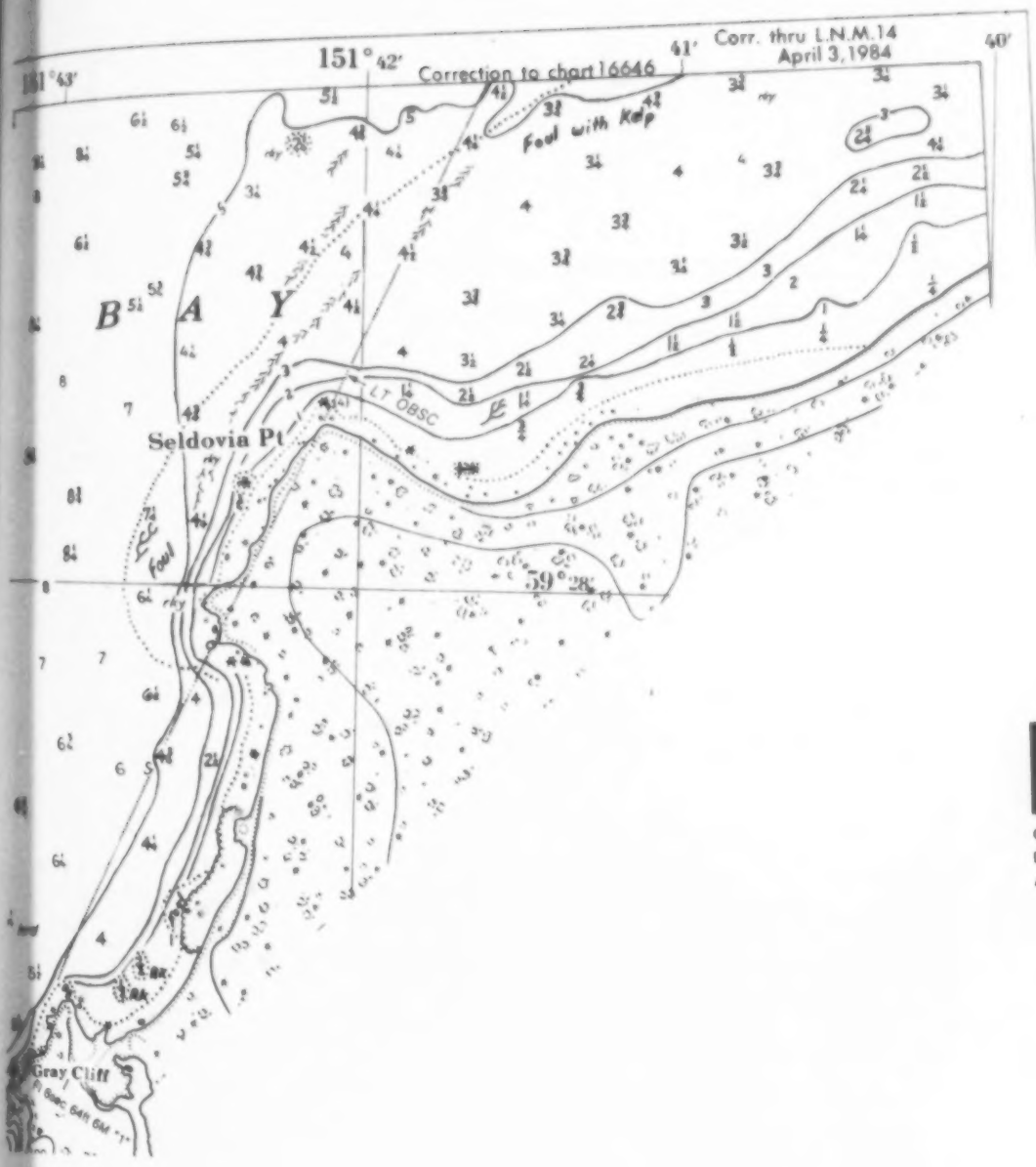
CHARTLETS
DEPTH TABS
AND NOTES



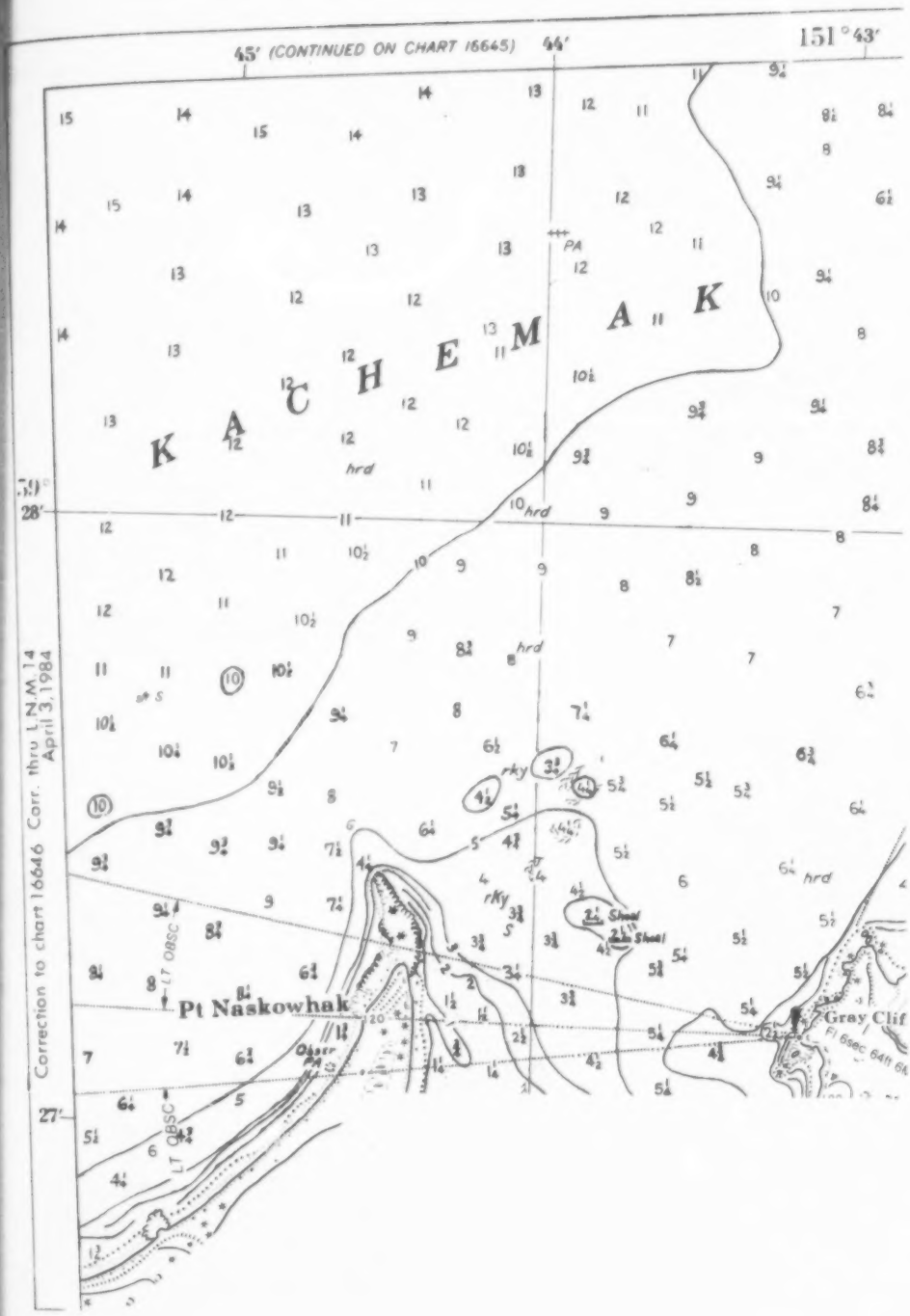
CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

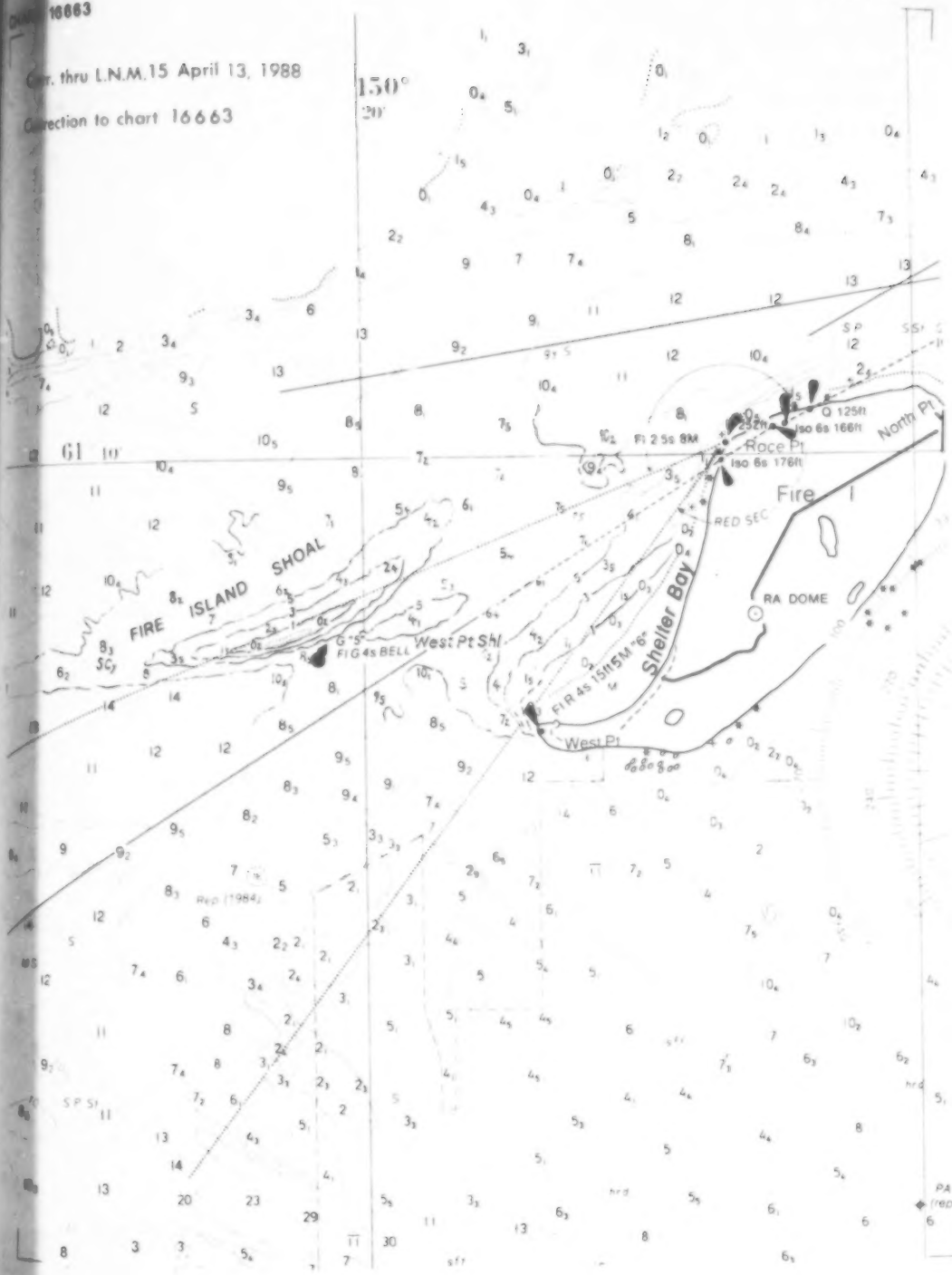


CHARTLETS
DEPTH TABS
AND NOTES

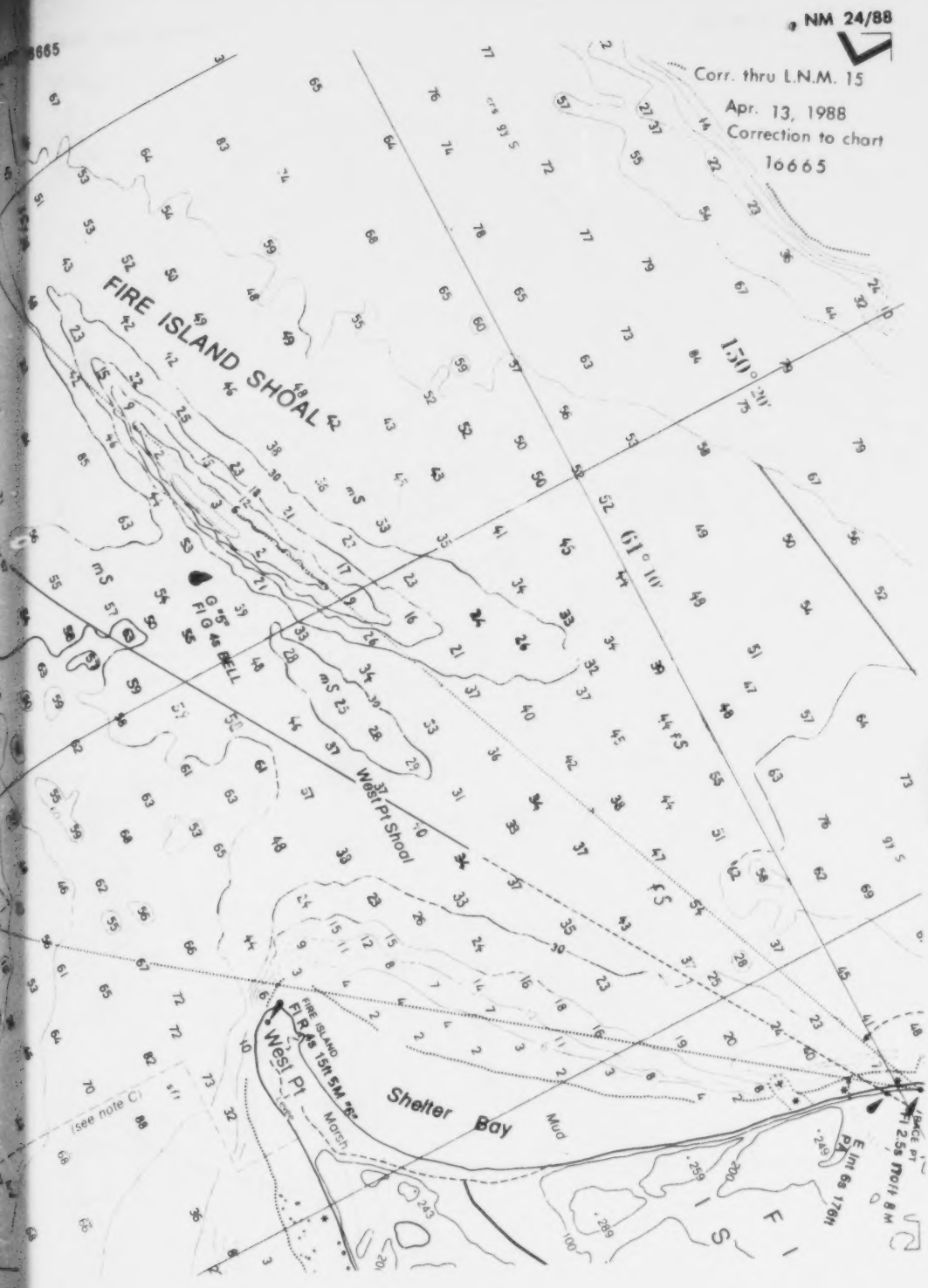
16663

Corr. thru L.N.M.15 April 13, 1988

Correction to chart 16663



CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

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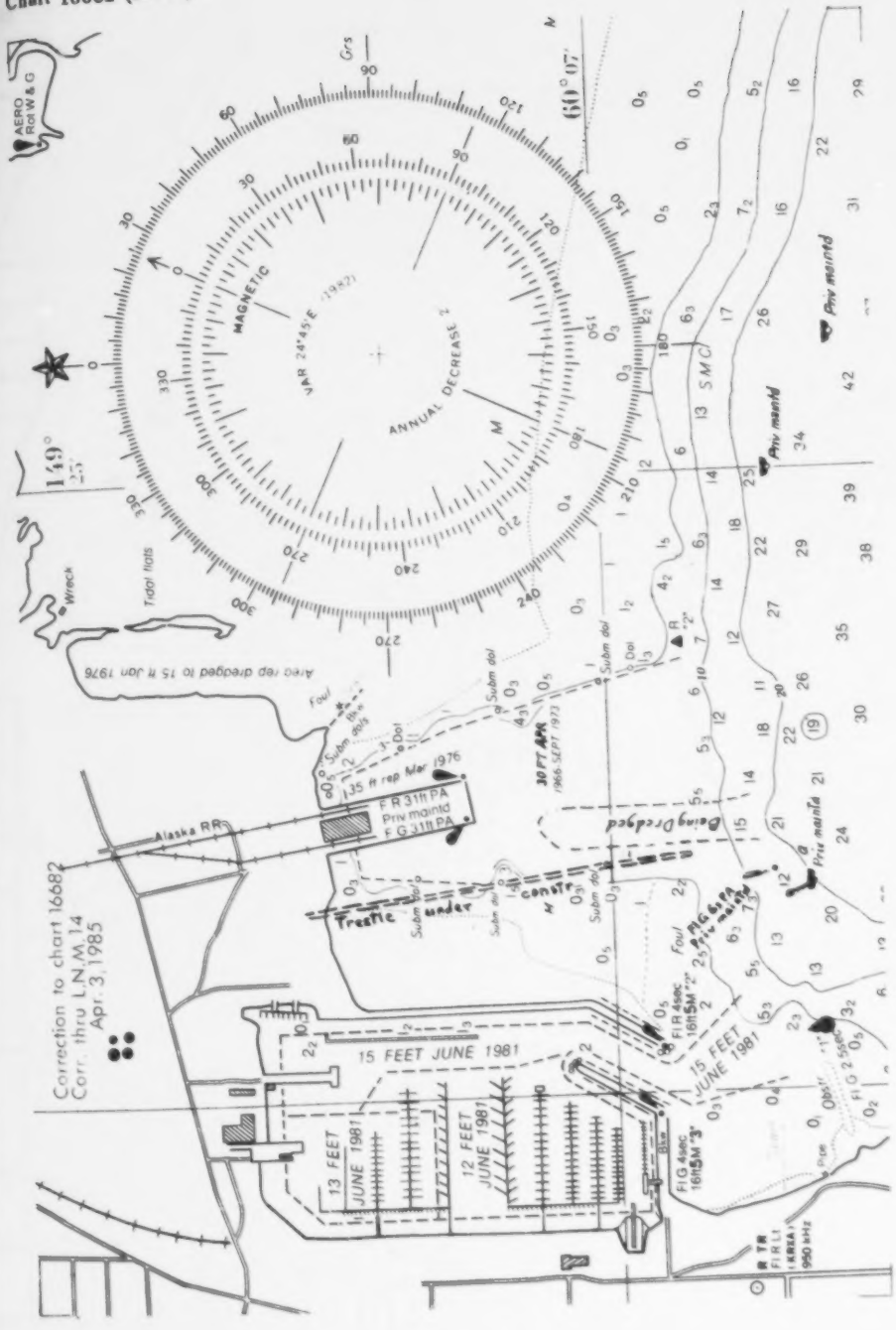
Chart 16682 (Inset)

NM 20/85



CHARTLETS
DEPTH TABS
AND NOTES

(A)

three digits are omitted.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

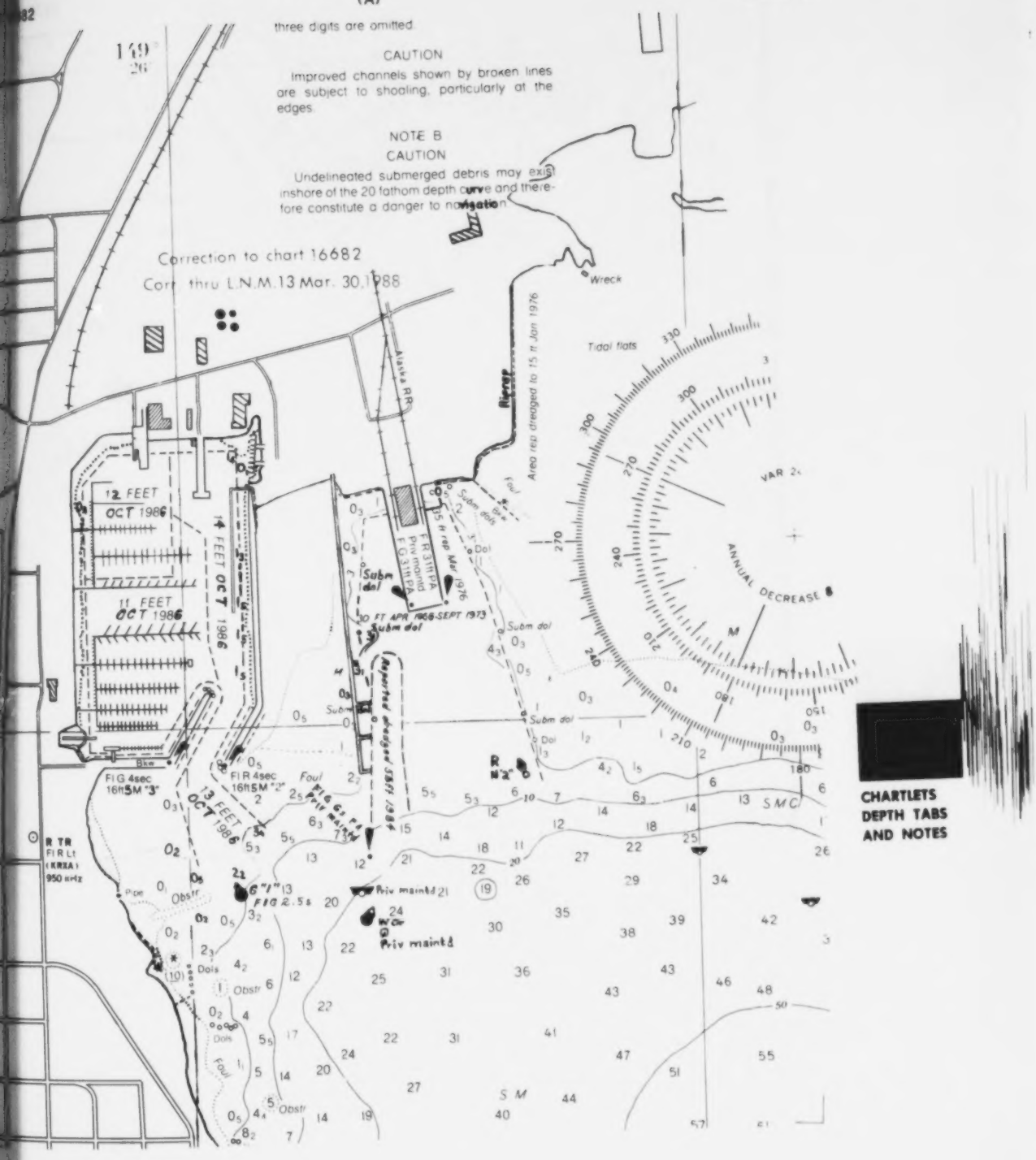
NOTE B

CAUTION

Undelineated submerged debris may exist inshore of the 20 fathom depth curve and therefore constitute a danger to navigation.

Correction to chart 16682

Corr thru L.N.M. 13 Mar. 30, 1988

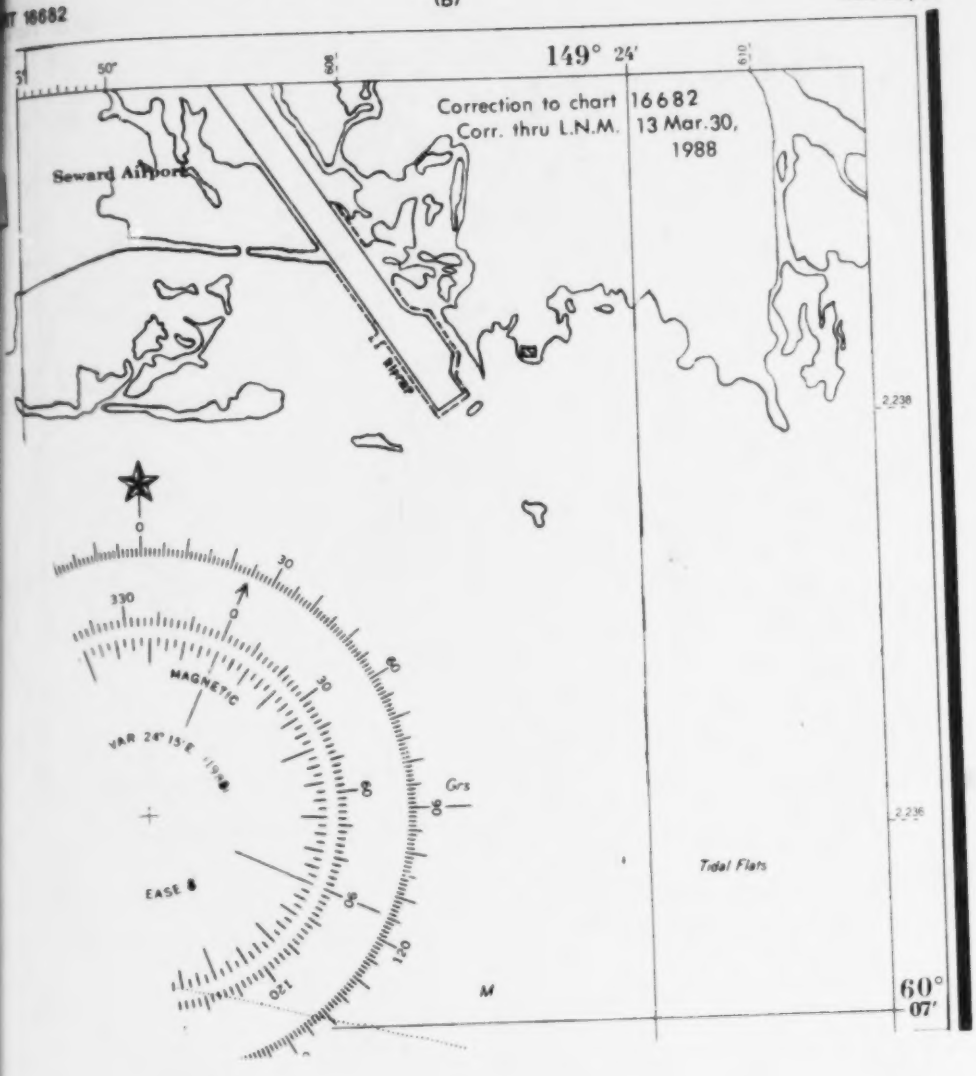


CHARTLETS DEPTH TABS AND NOTES

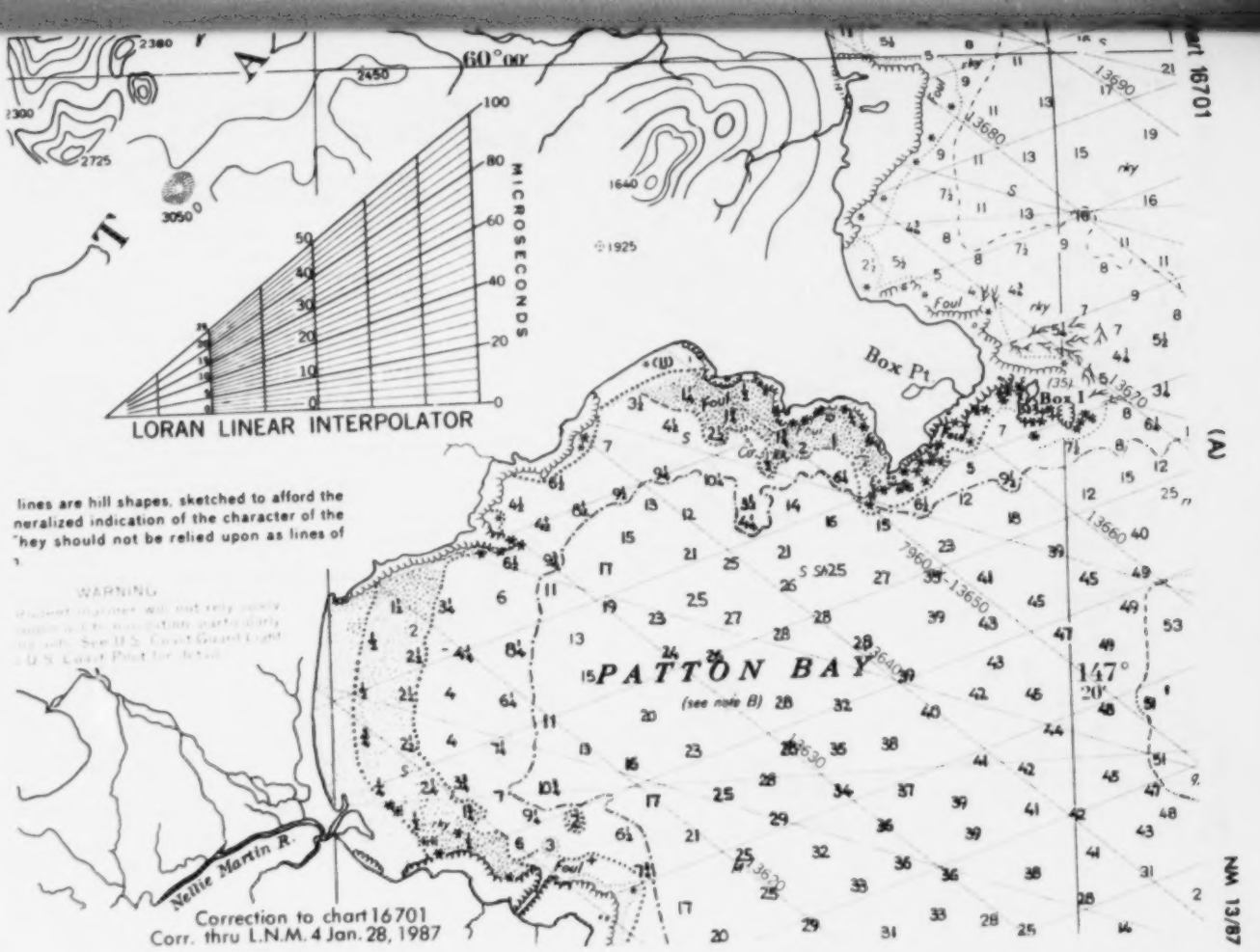
T 16682

(B)

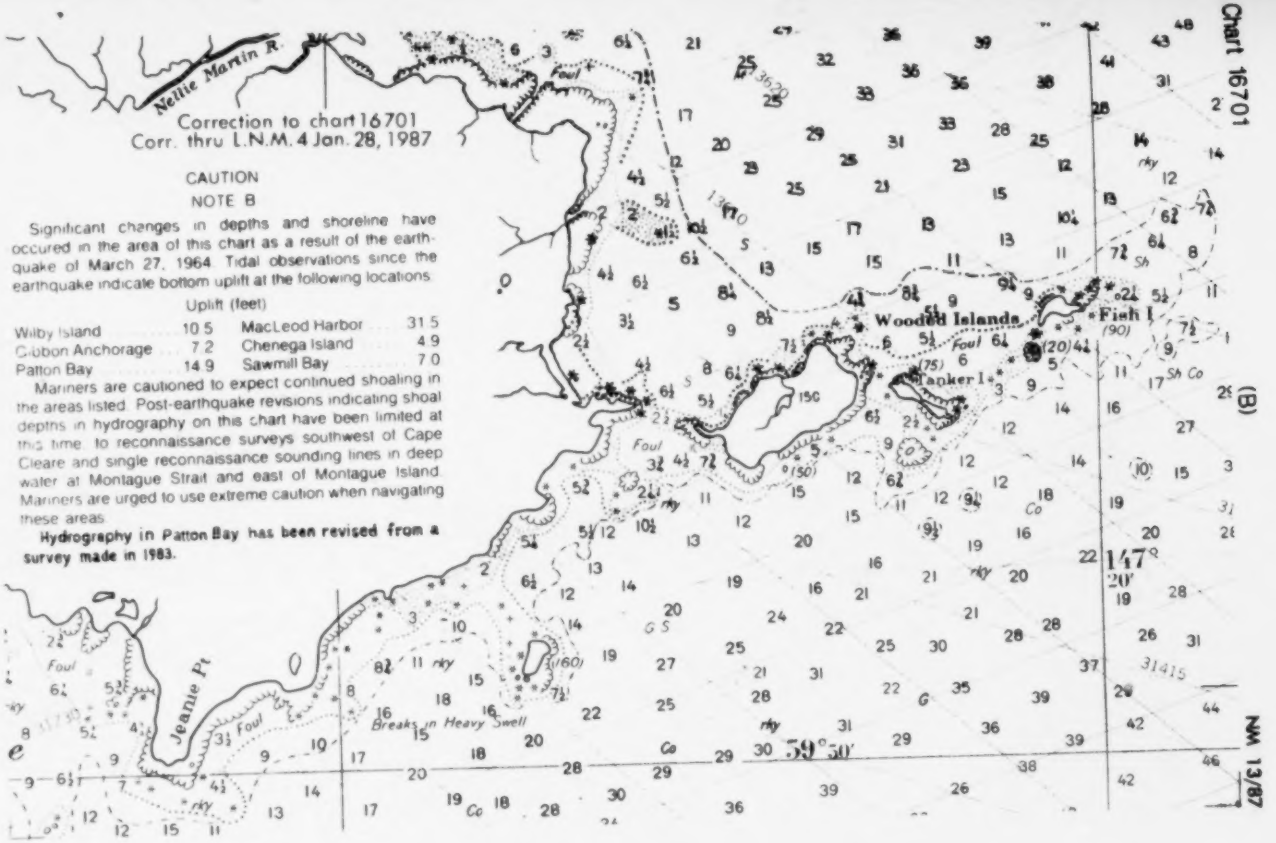
NM 26/88



CHARTLETS
DEPTH TABS
AND NOTES

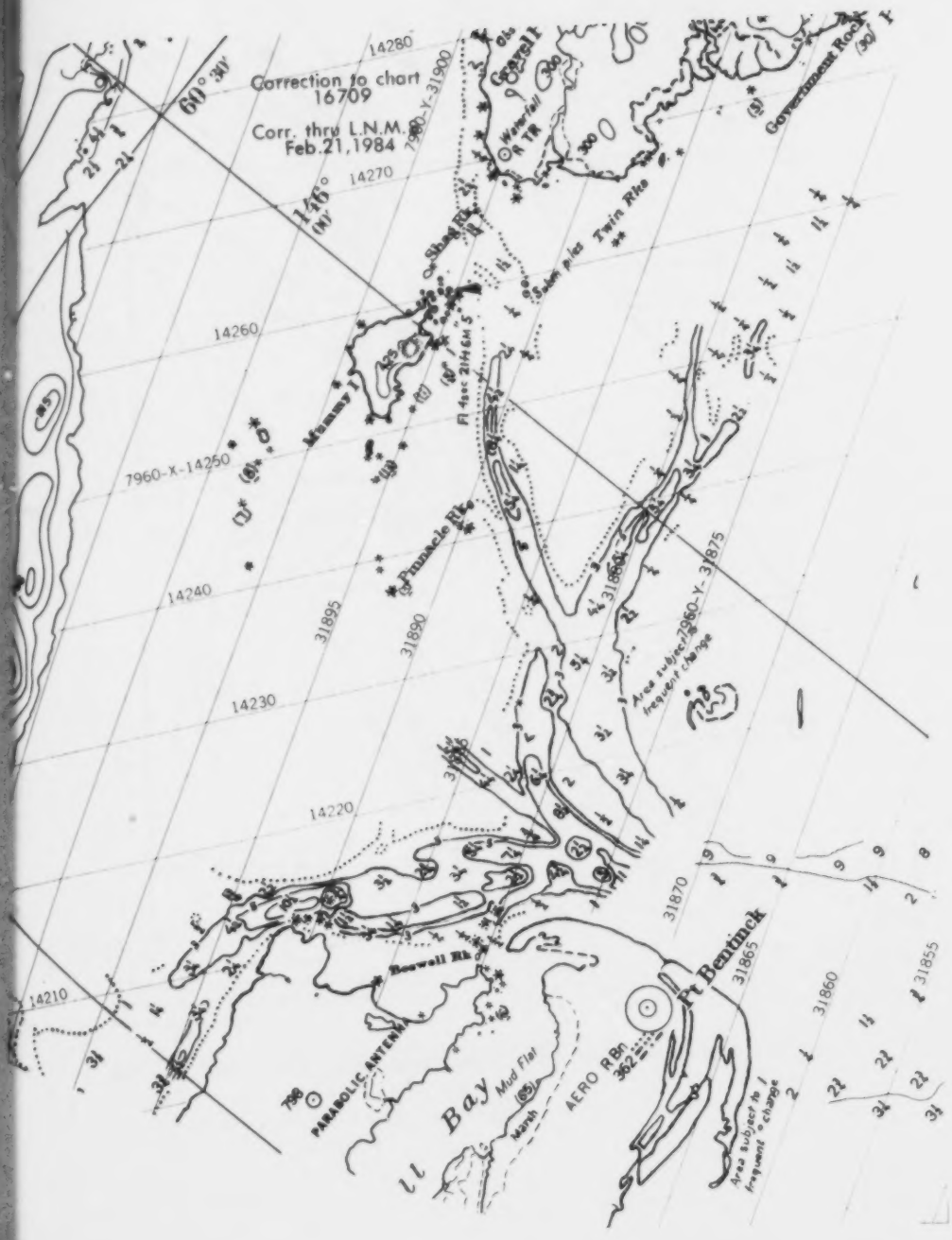


CHARTLETS
DEPTH TABS
AND NOTES

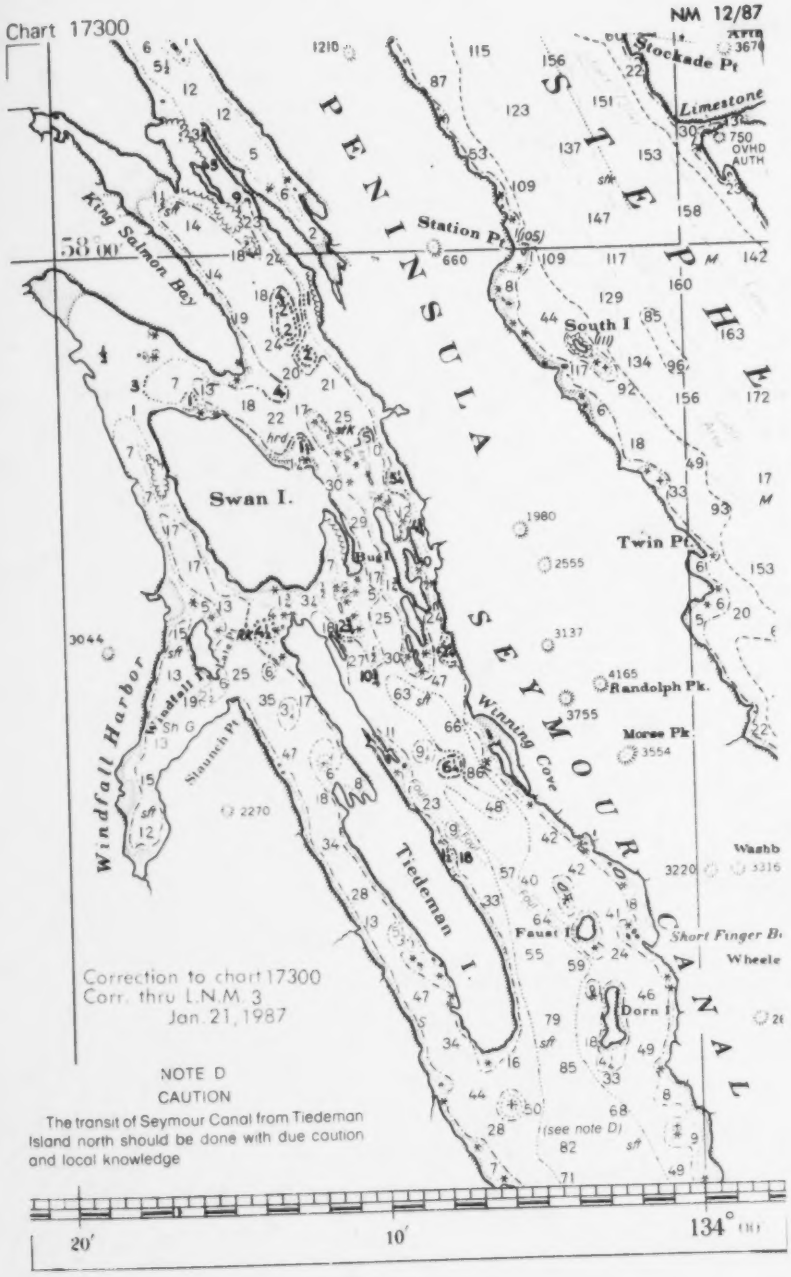


CHARTLETS
DEPTH TABS
AND NOTES

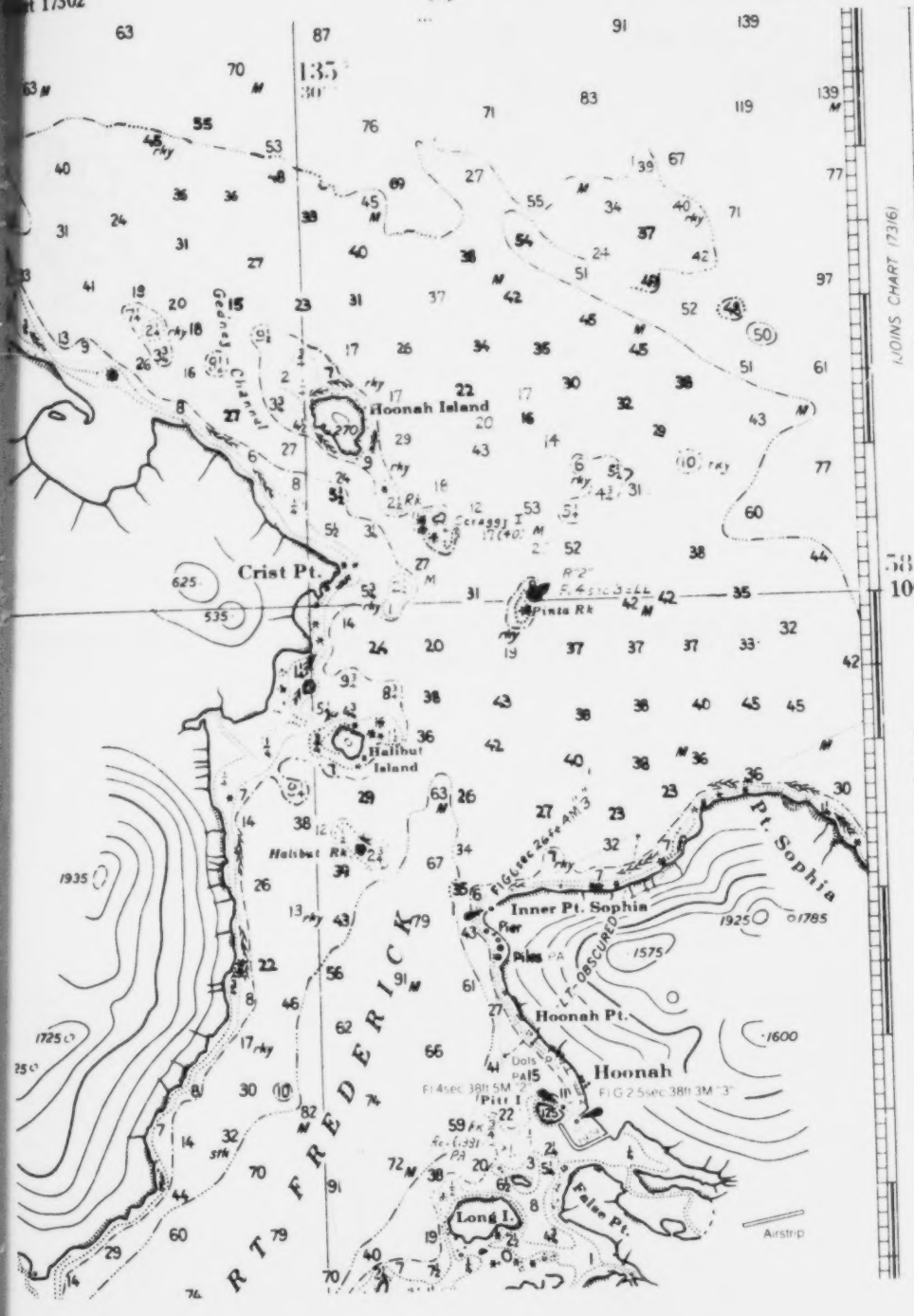
CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

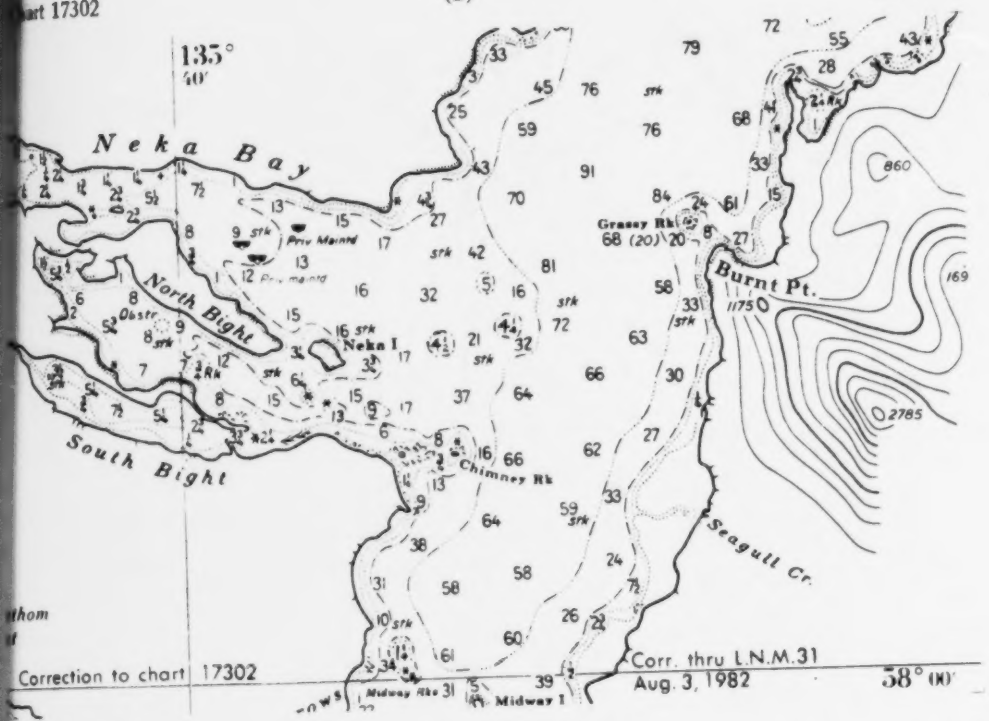


CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

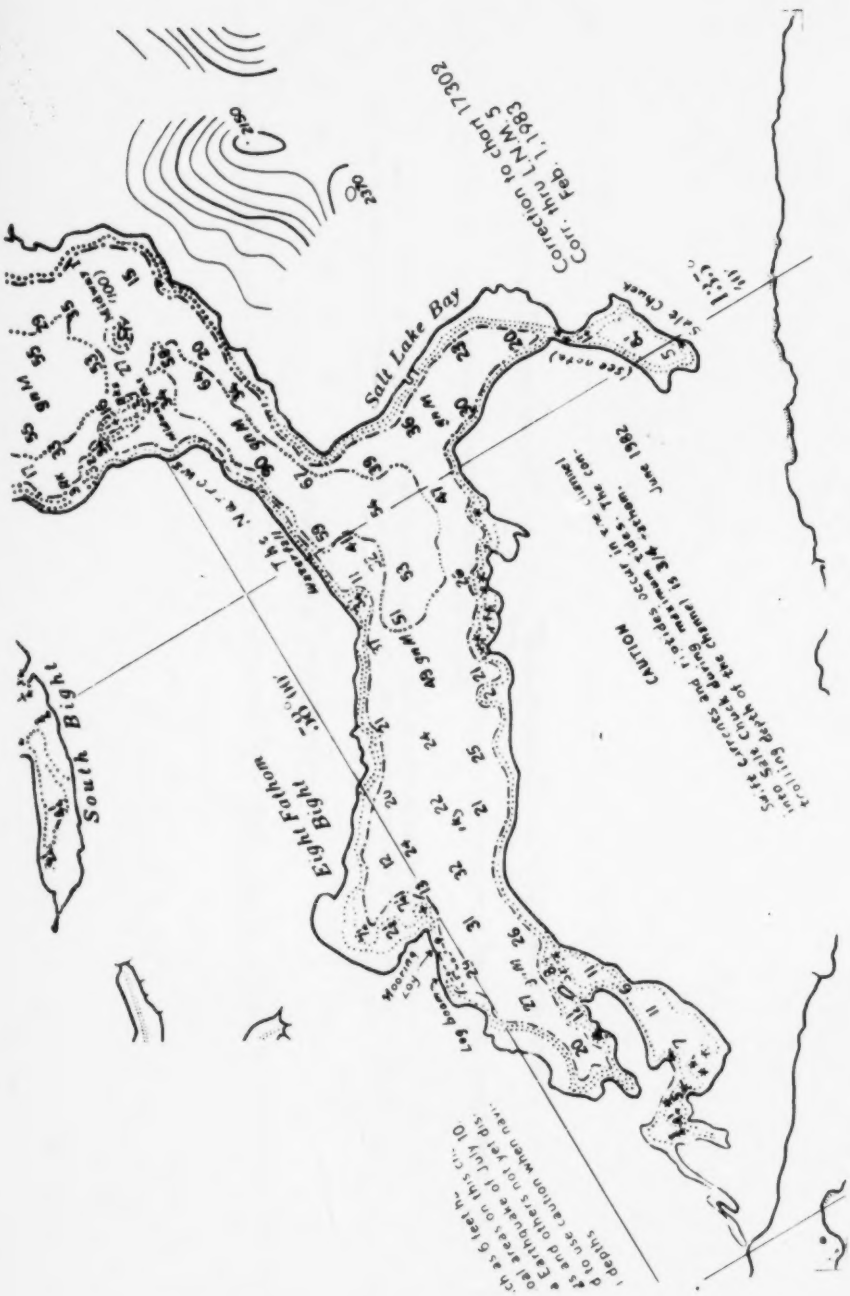
(B)



CHARTLETS
DEPTH TABS
AND NOTES

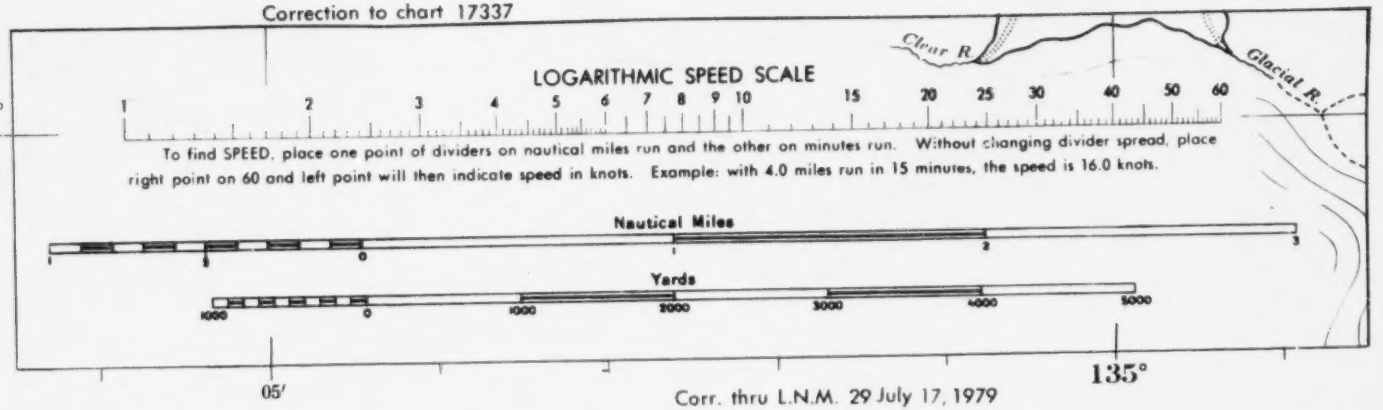
CHARTLETS
DEPTH TABS
AND NOTES

Correction to chart 17302
Corr. thru L.N.M. 5
Feb 1, 1983



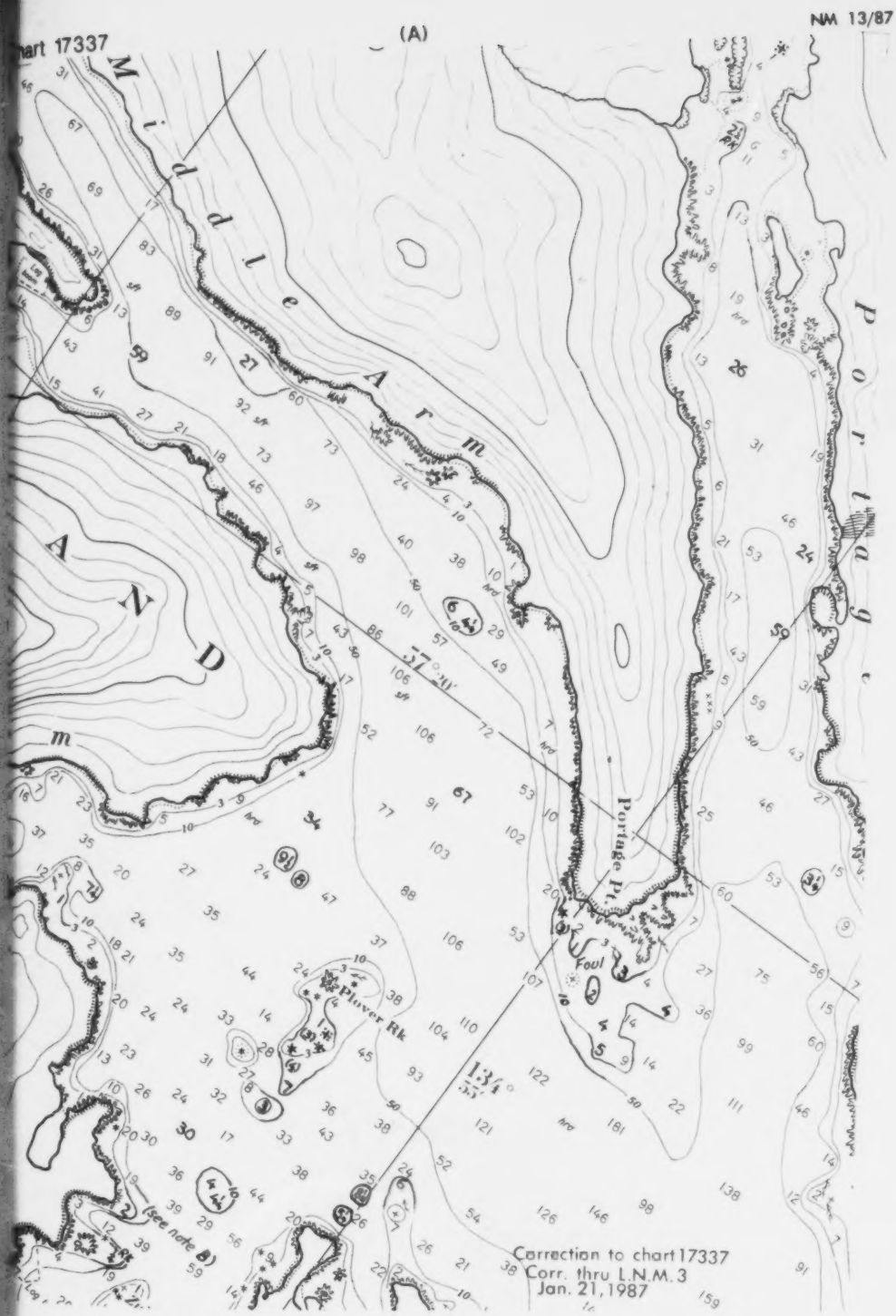
CHARTLETS
DEPTH TABS
AND NOTES

Correction to chart 17337



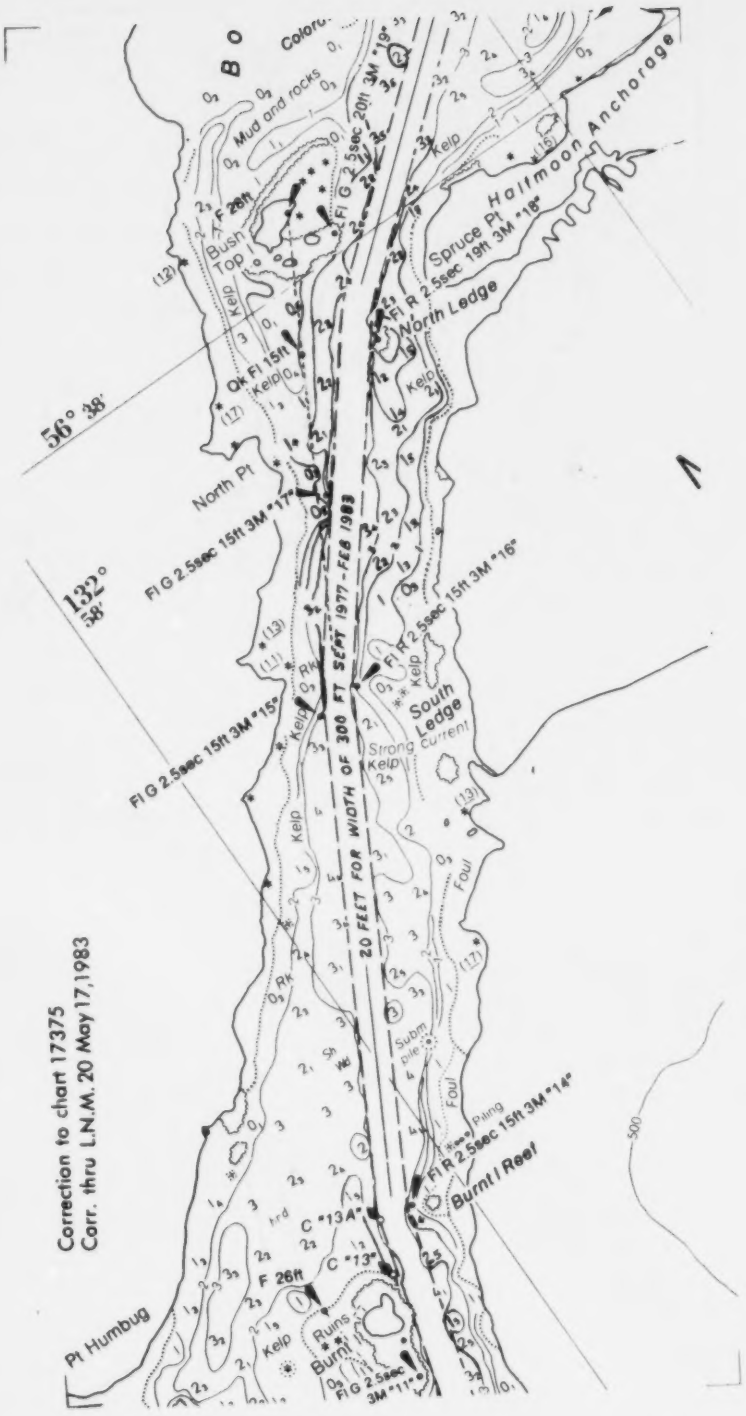
Corr. thru L.N.M. 29 July 17, 1979

CHARTLETS
DEPTH TABS
AND NOTES

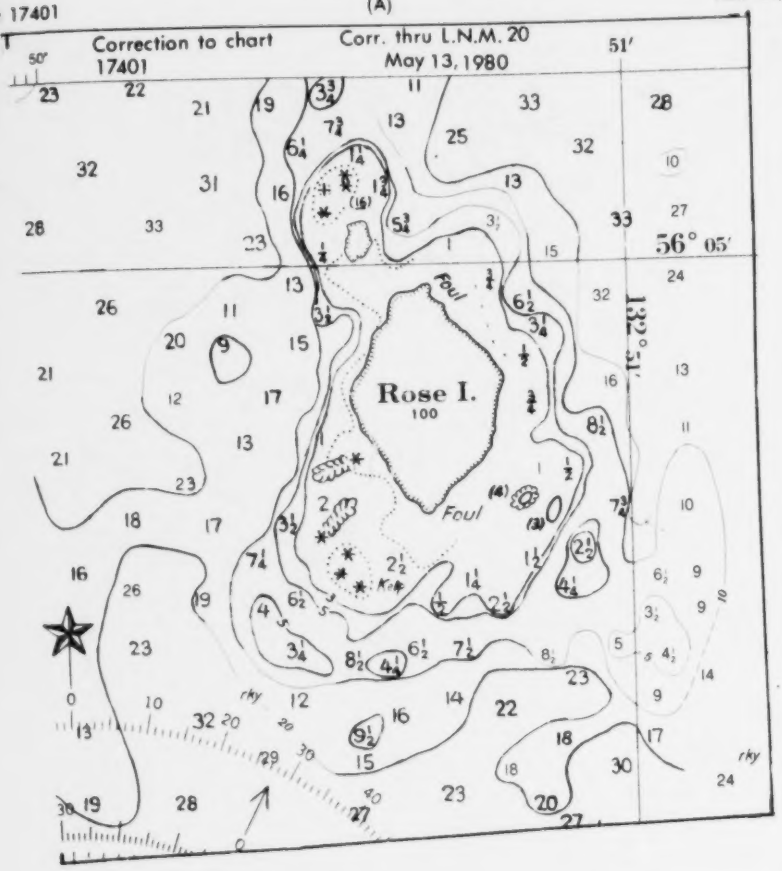


CHARTLETS
DEPTH TABS
AND NOTES

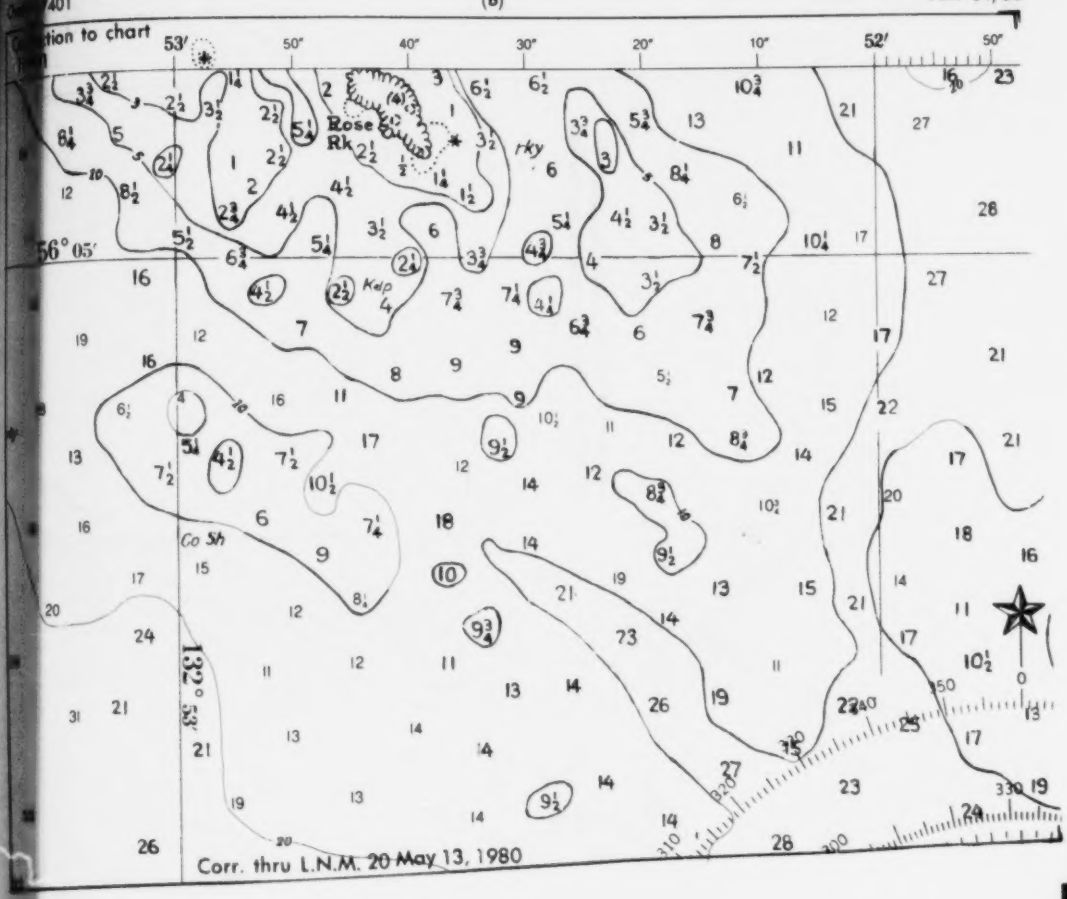
CHARTLETS
DEPTH TABS
AND NOTES



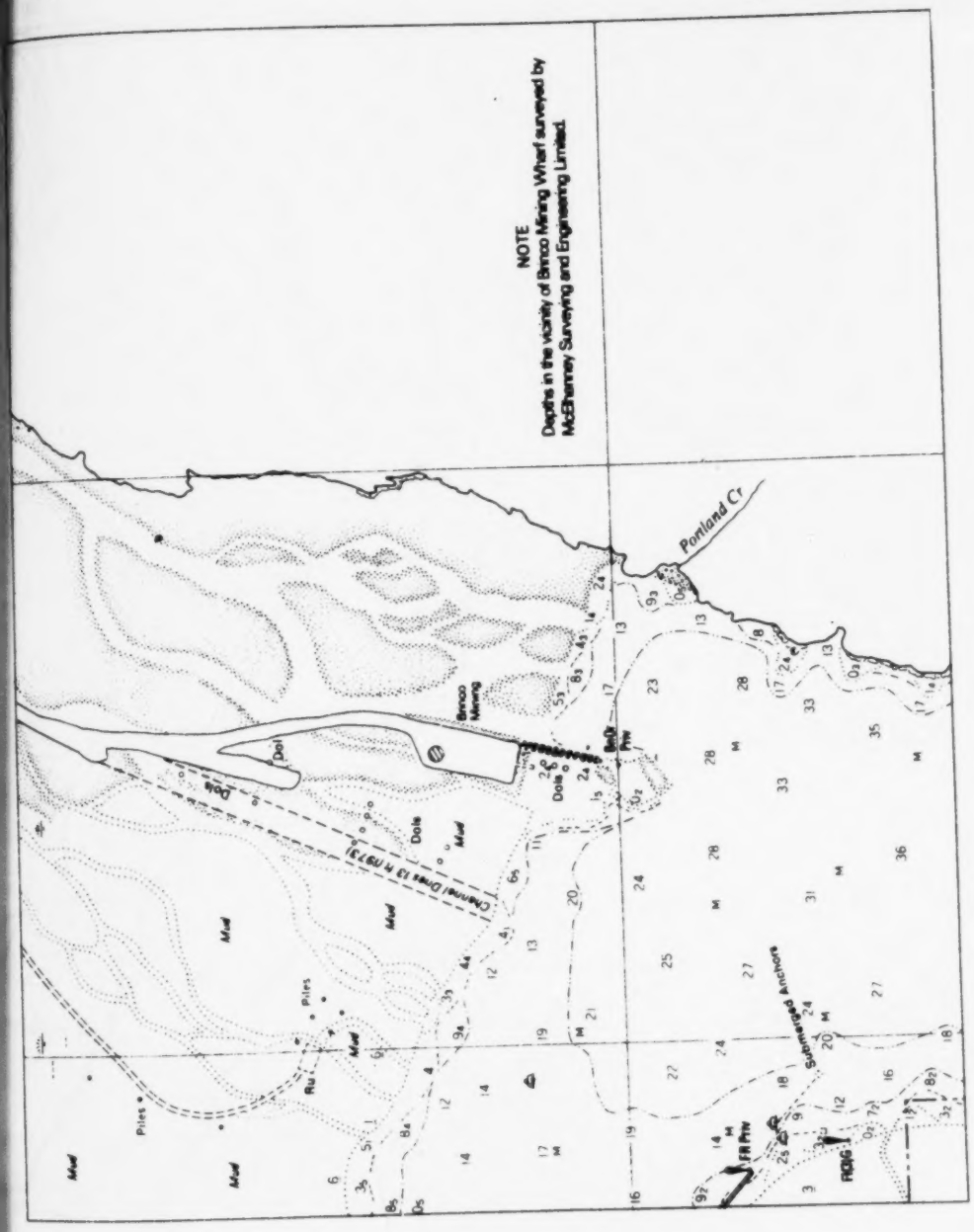
CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

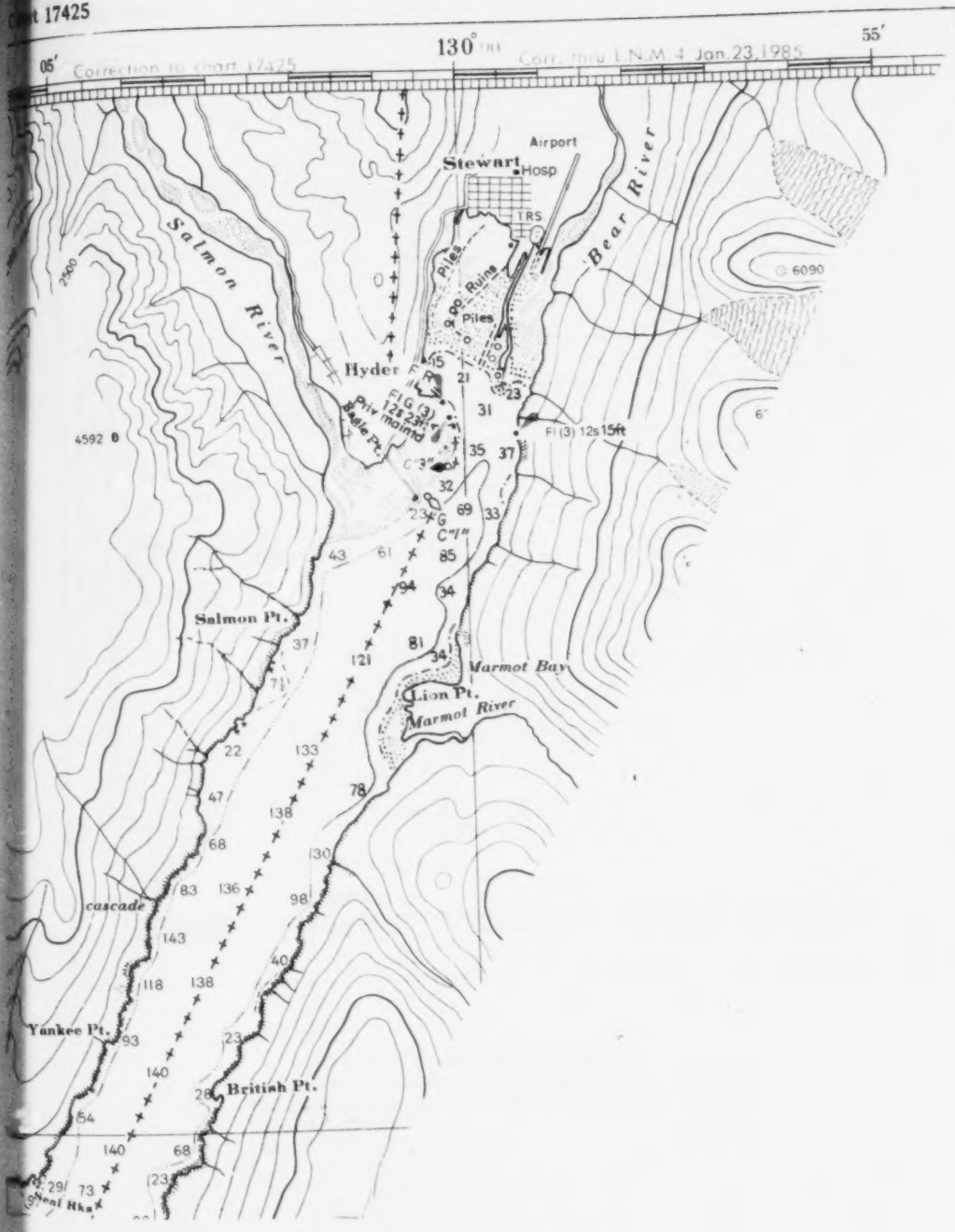


CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

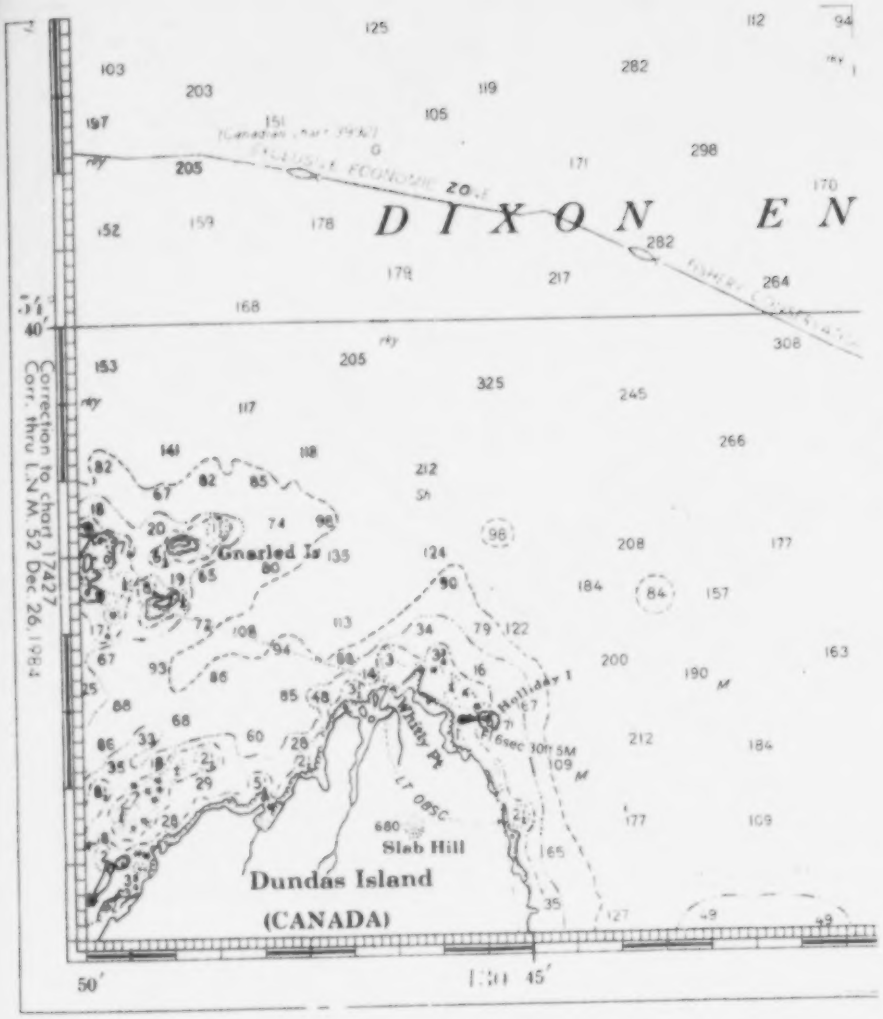
Chart 17425



CHARTLETS
DEPTH TABS
AND NOTES

Chart 17427

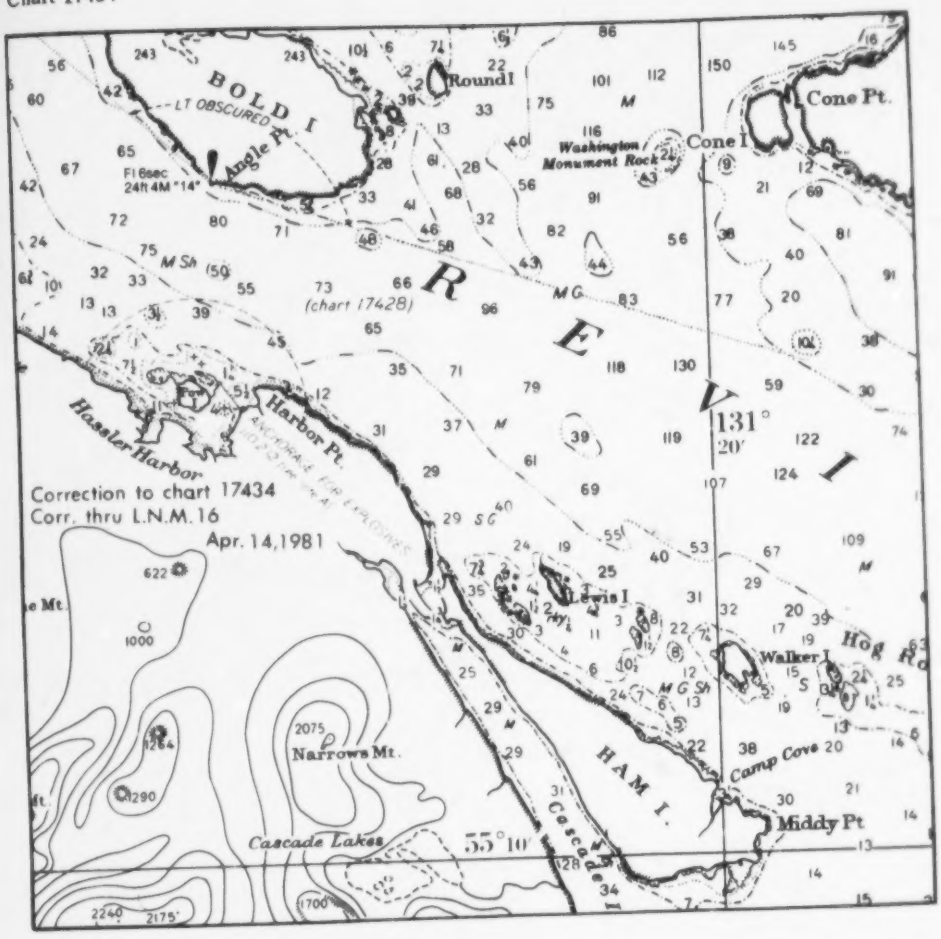
NM 6/85



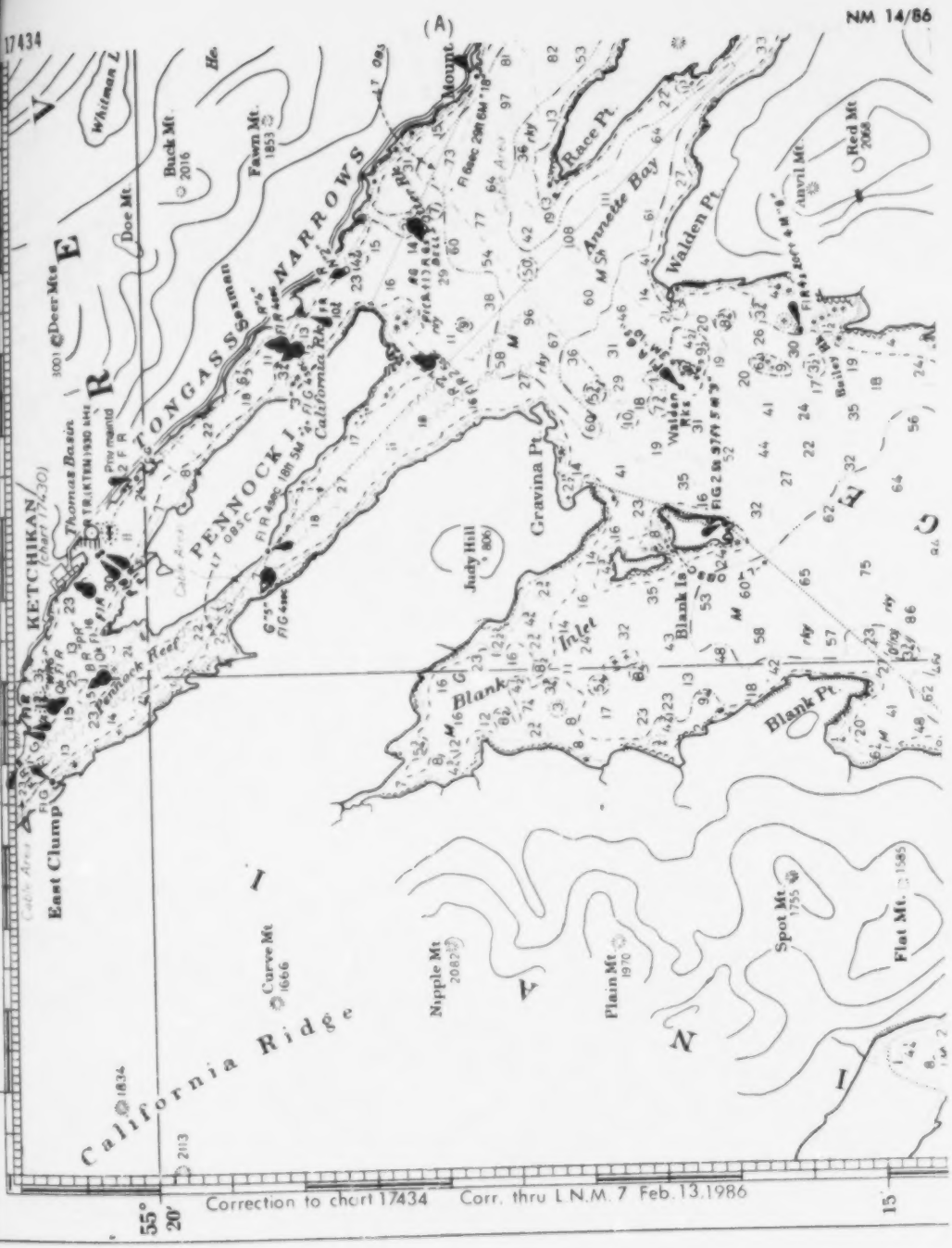
CHARTLETS
DEPTH TABS
AND NOTES

COLREGS 82.1705 (see note A)
International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.
Chart 17434

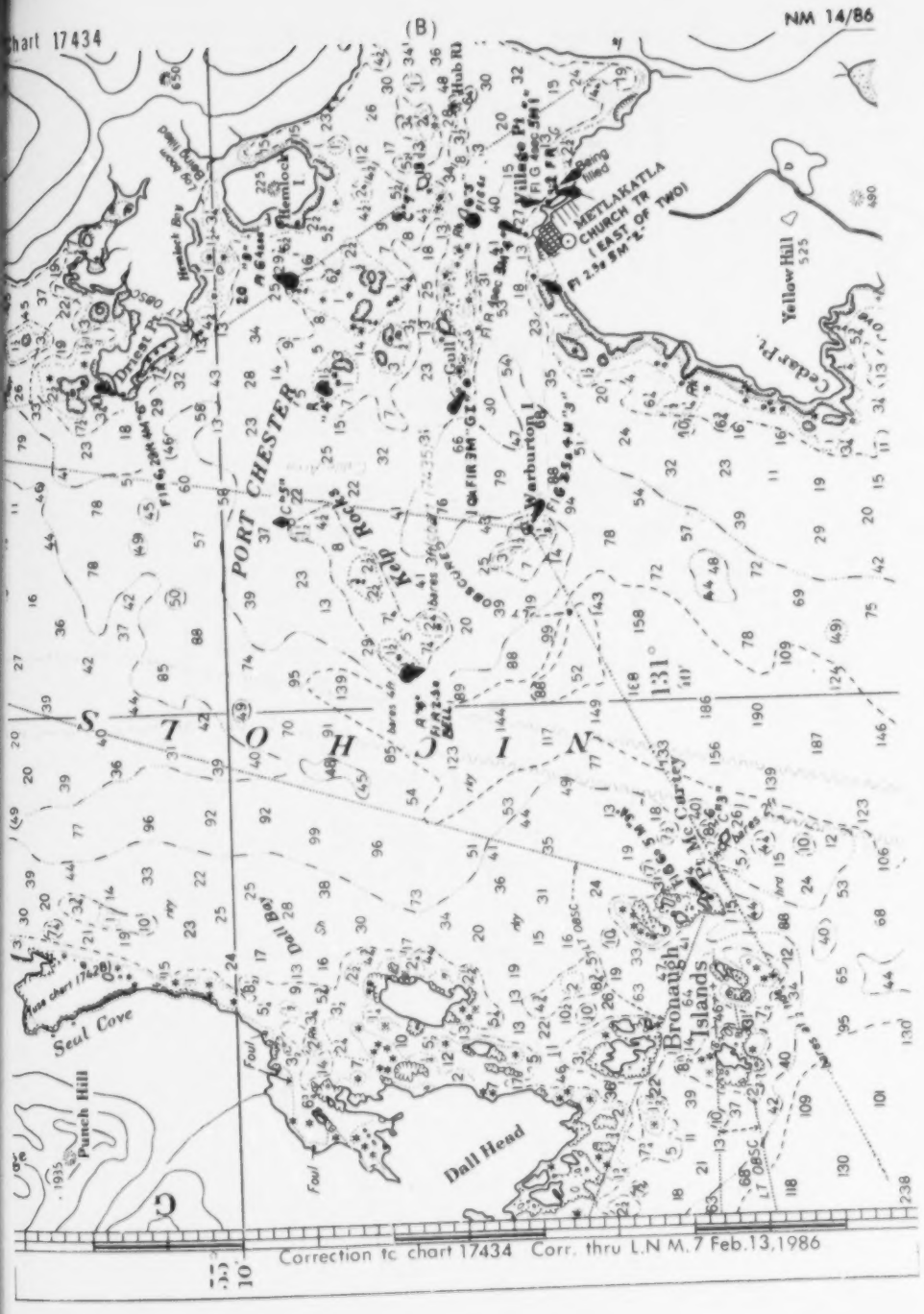
NM 21/81



CHARTLETS
DEPTH TABS
AND NOTES

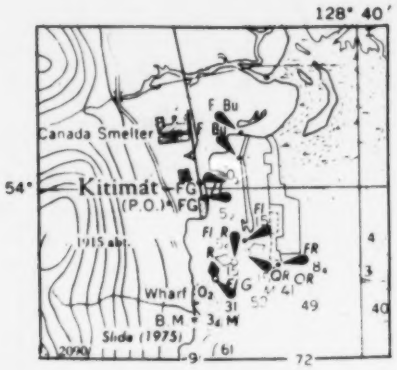


CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

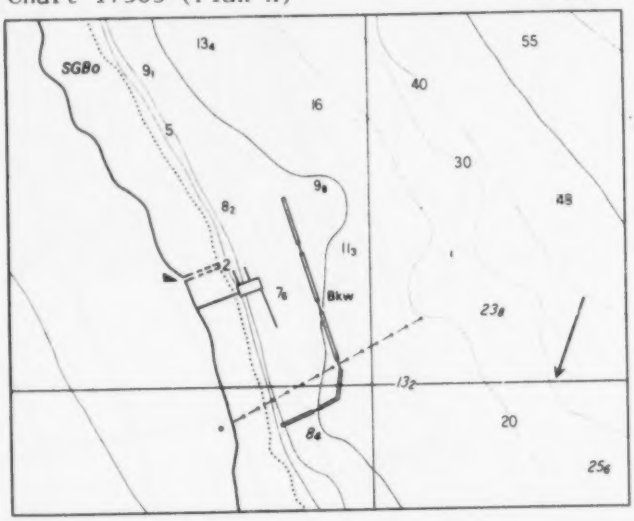
Chart 17467 NM 41/85



NOTE

Magnetic anomaly 2° to 3° reported between Boscowitz Point and Wearing Point.
Chart 17484 NM 38/80

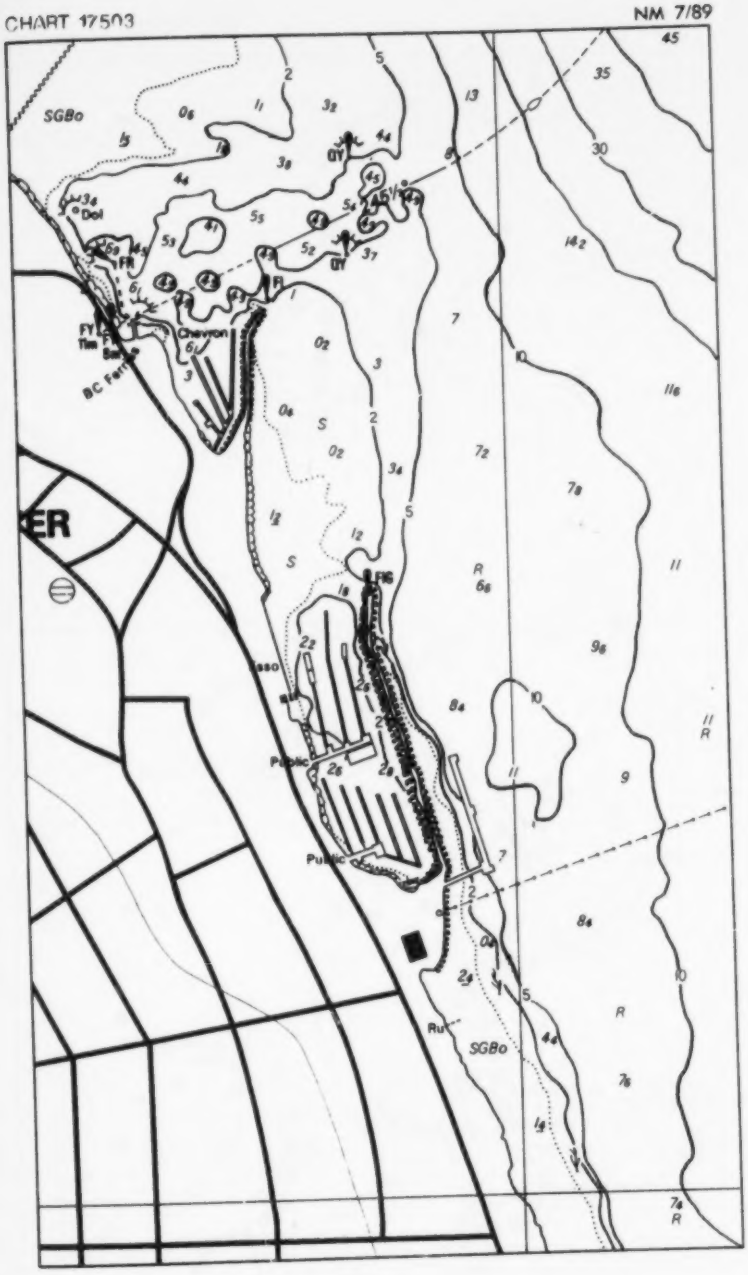
Chart 17503 (Plan A) NM 31/85



CHARTLETS
DEPTH TABS
AND NOTES

CHART 17503

NM 7/89



CHARTLETS
DEPTH TABS
AND NOTES

Chart 17509 NM 45 84

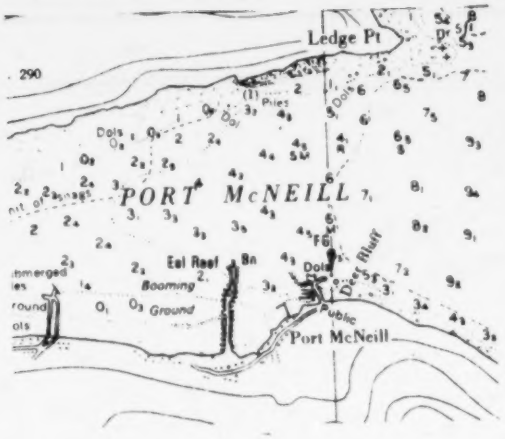
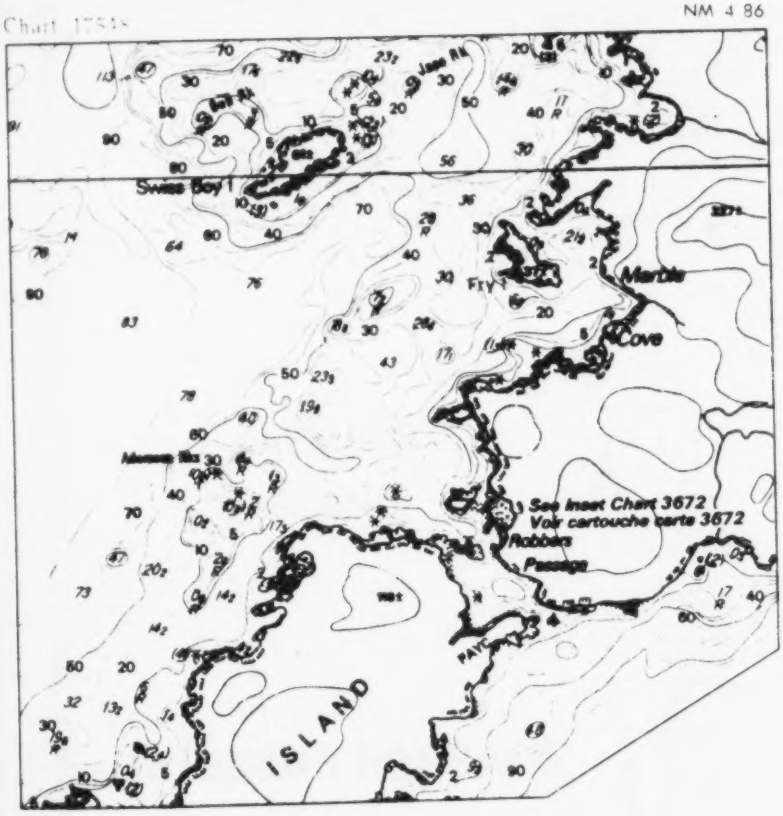
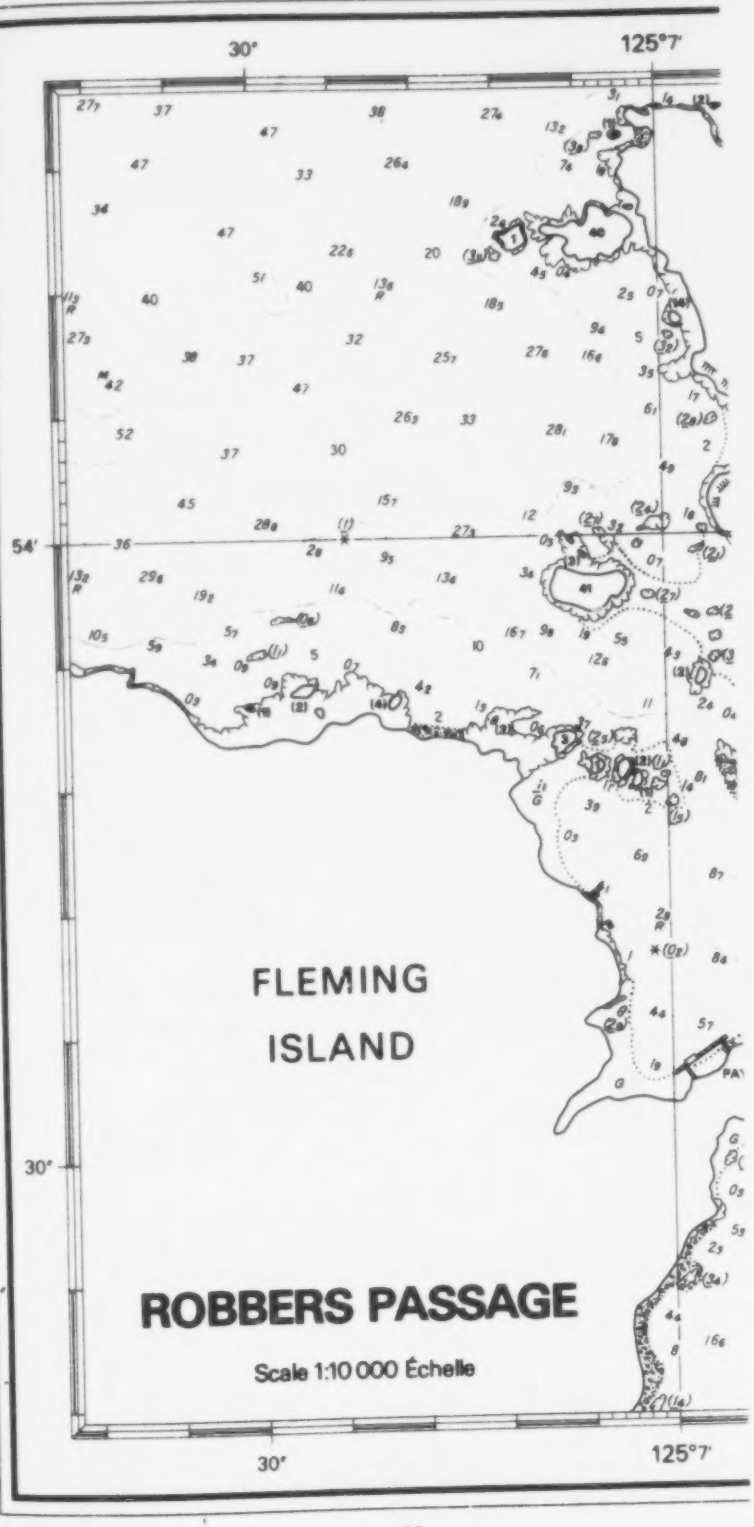


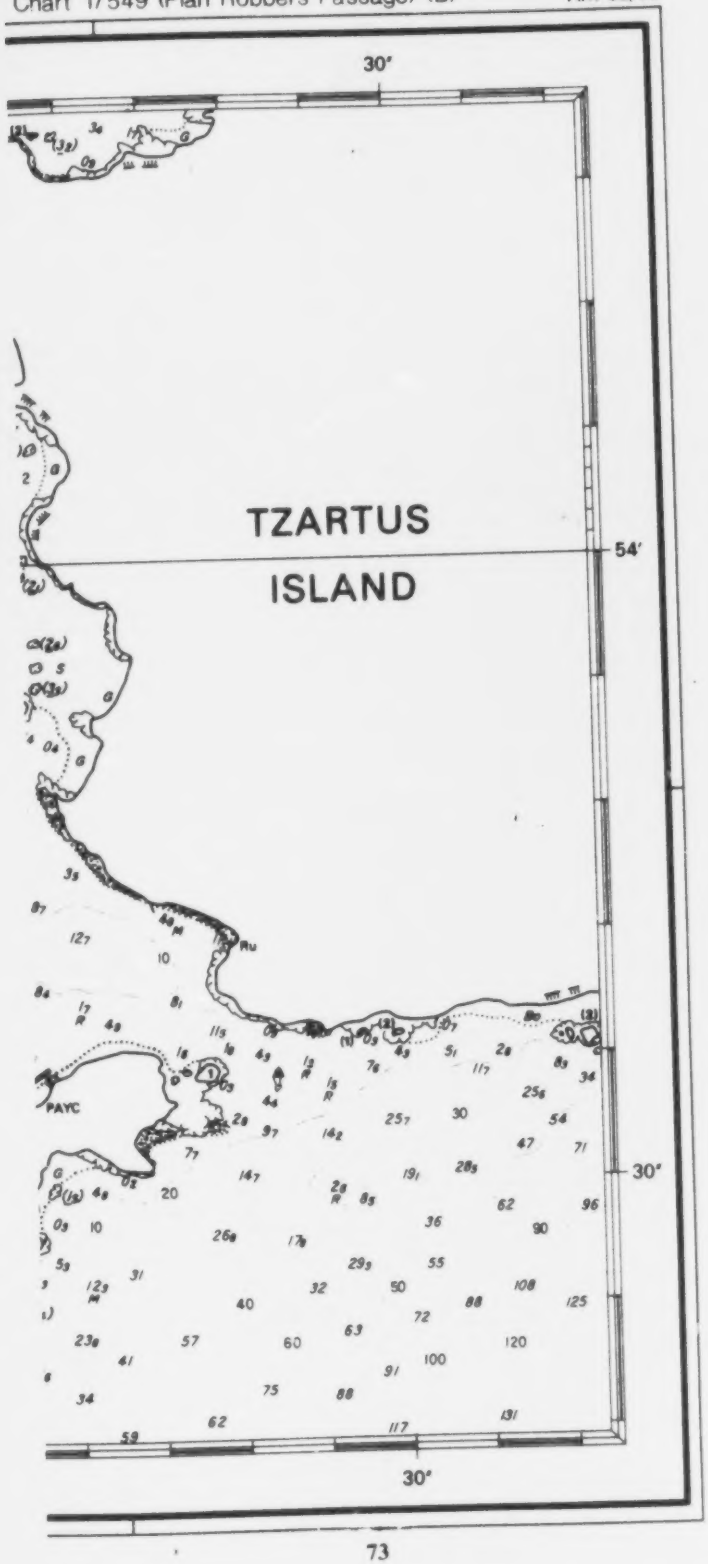
Chart 17515 NM 4 86



CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

Chart 18006 **NM N39/85**

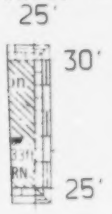
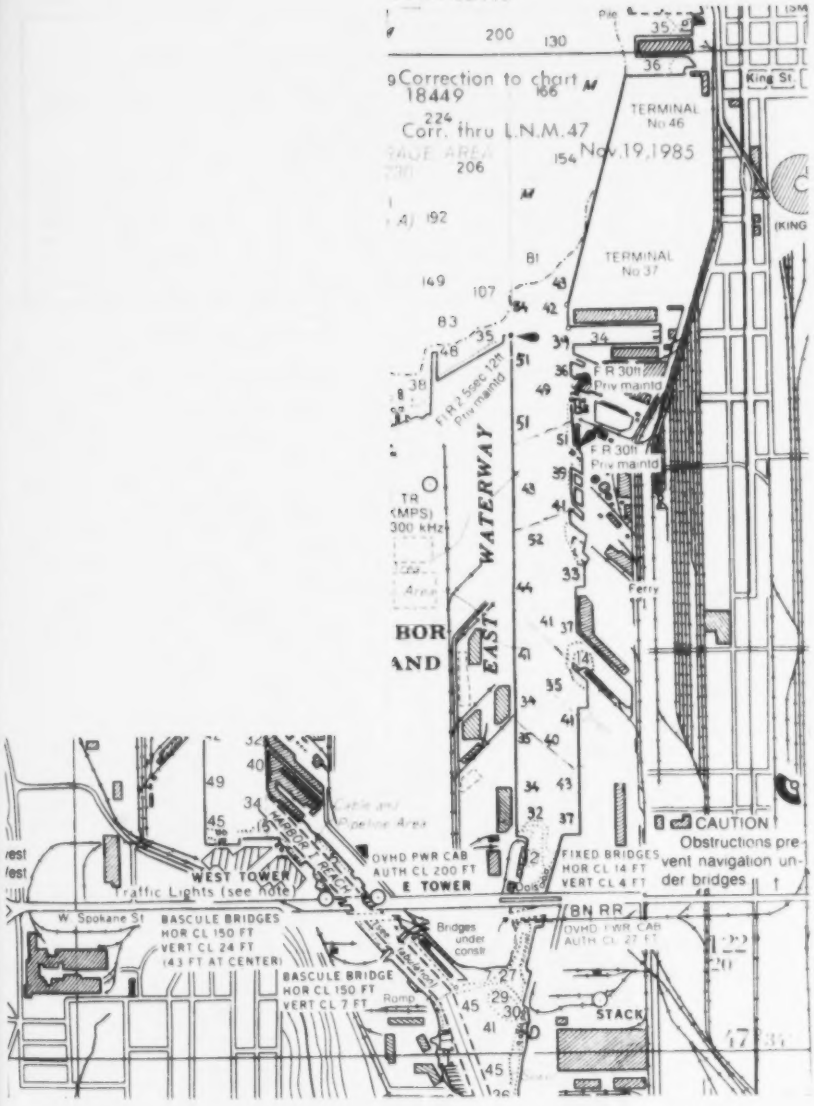


CHART 18424 NM 46/86

I. & J. STREET, WHATCOM AND SQUALICUM CREEK WATERWAYS CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS-REPORTS TO JULY 1986 AND SURVEYS TO MAY 1986

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
WHATCOM WATERWAY							
OUTER REACH	28.6	28.7	30.7	5-86	363	0.62	30
MIDDLE REACH	13.8	19.9	17.8	5-86	363	0.36	30
INNER REACH	3.7	5.4	8.9	5-86	3	0.12	18
I&J STREET WATERWAY	8.6	11.8	12.4	5-86	100	0.53	18
SQUALICUM CREEK WATERWAY							
ENTRANCE CHANNEL	22.4	23.8	21.4	4.5-86	200	0.34	26
SOUTHWEST PORTION OF BASIN	17.8	22.8	13.3	4.5-86	200-295	0.28	26
NORTHEAST PORTION OF BASIN	12.2	19.3	12.1	4.5-86	0-295	0.13	26

NOTE-CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION



CHARTLETS
DEPTH TABS
AND NOTES

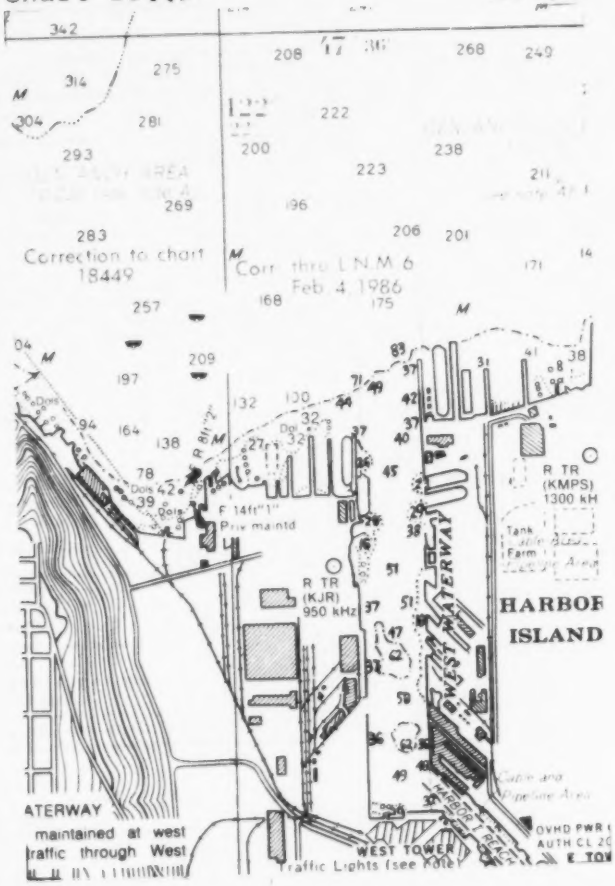
CHART 18449

NM 10/86

DUWAMISH WATERWAY TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS-SURVEYS TO OCTOBER 1985							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
HARBOR ISLAND REACH	28.7	29.1	18.3	9,10-85	200	0.5	30
GEORGETOWN REACH	27.3	27.5	25.7	9,10-85	200	1.7	30
FIRST AVE. 8TH AVE. REACH	18.1	18.2	13.3	9,10-85	150	0.7	20
SOUTH PARK REACH	11.0	16.3	9.6	3,9,10-85	150	0.5	15
14TH AVE. BRIDGE REACH	12.0	12.3	10.7	9,10-85	150	0.85	15
NOTE-CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 18449

NM 12/86



CHARTLETS DEPTH TABS AND NOTES

CHART 18450

NM 23/89

DUWAMISH WATERWAY

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS-SURVEYS TO OCTOBER 1985

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
HARBOR ISLAND REACH	26.7	29.1	18.3	9,10-85	200	0.5	30
GEORGETOWN REACH	27.3	27.5	25.7	9,10-85	200	1.7	30
FIRST AVE 8TH AVE REACH	18.1	18.2	13.3	9,10-85	150	0.7	20
SOUTH PARK REACH	11.0	16.3	9.6	3,9,10-85	150	0.5	15
14TH AVE. BRIDGE REACH	12.0	12.3	10.7	3,10-85	150	0.85	15

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHART 18453

NM 25/86

BLAIR WATERWAY

CORPS OF ENGINEERS-SURVEYS TO JAN 1986 AND REPORT OF MAR 1986

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
COMMENCEMENT BAY							
TO E. 11TH ST. BRIDGE	38.1	38.7	37.0	12-85;1-86	150-300	0.75	35
AT E. 11TH ST. BRIDGE	33.1	38.3	33.9	12-85;1-86	150	0.01	35
THENCE TO LINCOLN AVE.	33.7	37.2	38.2	12-85;1-86	150-600	0.58	35
THENCE TO TURNING BASIN	38.8	38.8	38.3	12-85;1-86	300	0.81	35
TURNING BASIN	A	A	A	12-85;1-86	300-1400	0.25	35

A. LEAST DEPTH IN THE TURNING BASIN IS 37.7.
NOTE-CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHART 18453

NM 25/86

HYLEBOS WATERWAY

CORPS OF ENGINEERS-REPORT OF APR 1986 AND SURVEYS TO NOV 1985

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
COMMENCEMENT BAY							
TO E. 11TH ST. BRIDGE	28.4	29.9	28.8	10,11-85	200	1.0	30
THENCE TO BEND	23.4	28.8	21.4	10,11-85	200	0.5	30
THENCE TO LOWER TURNING BASIN	25.9	29.3	25.0	10,11-85	300-200	0.35	30
LOWER TURNING BASIN	27.0	29.0	29.8	8-83;10,11-85	200-510	0.24	30
THENCE TO UPPER TURNING BASIN	27.9	30.1	25.8	10,11-85	200	0.35	30
UPPER TURNING BASIN	27.1	28.7	27.8	10,11-85	200-780	0.28	30

NOTE-CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHART 18456

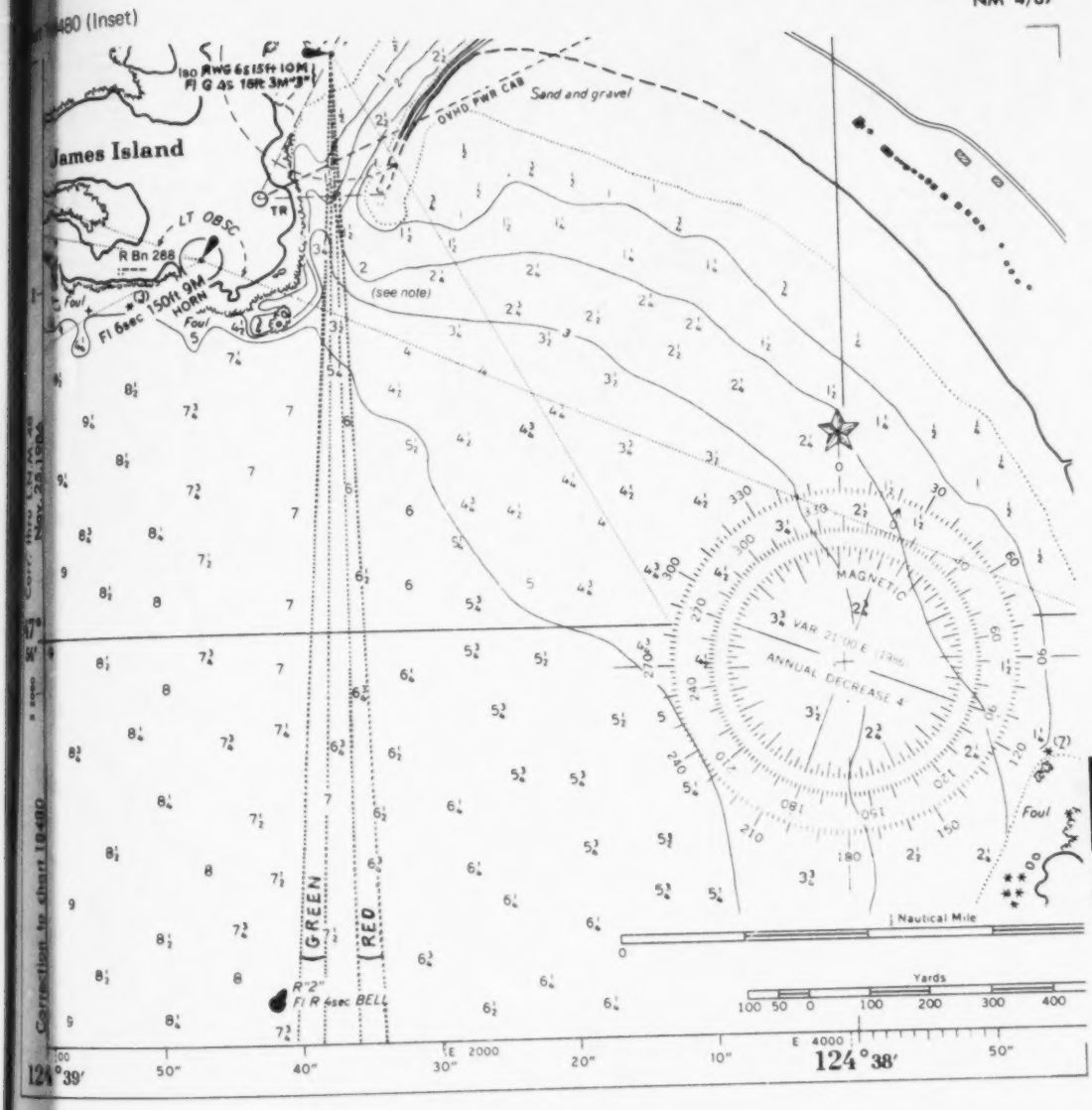
NM 10/88

OLYMPIA HARBOR CHANNEL DEPTHS

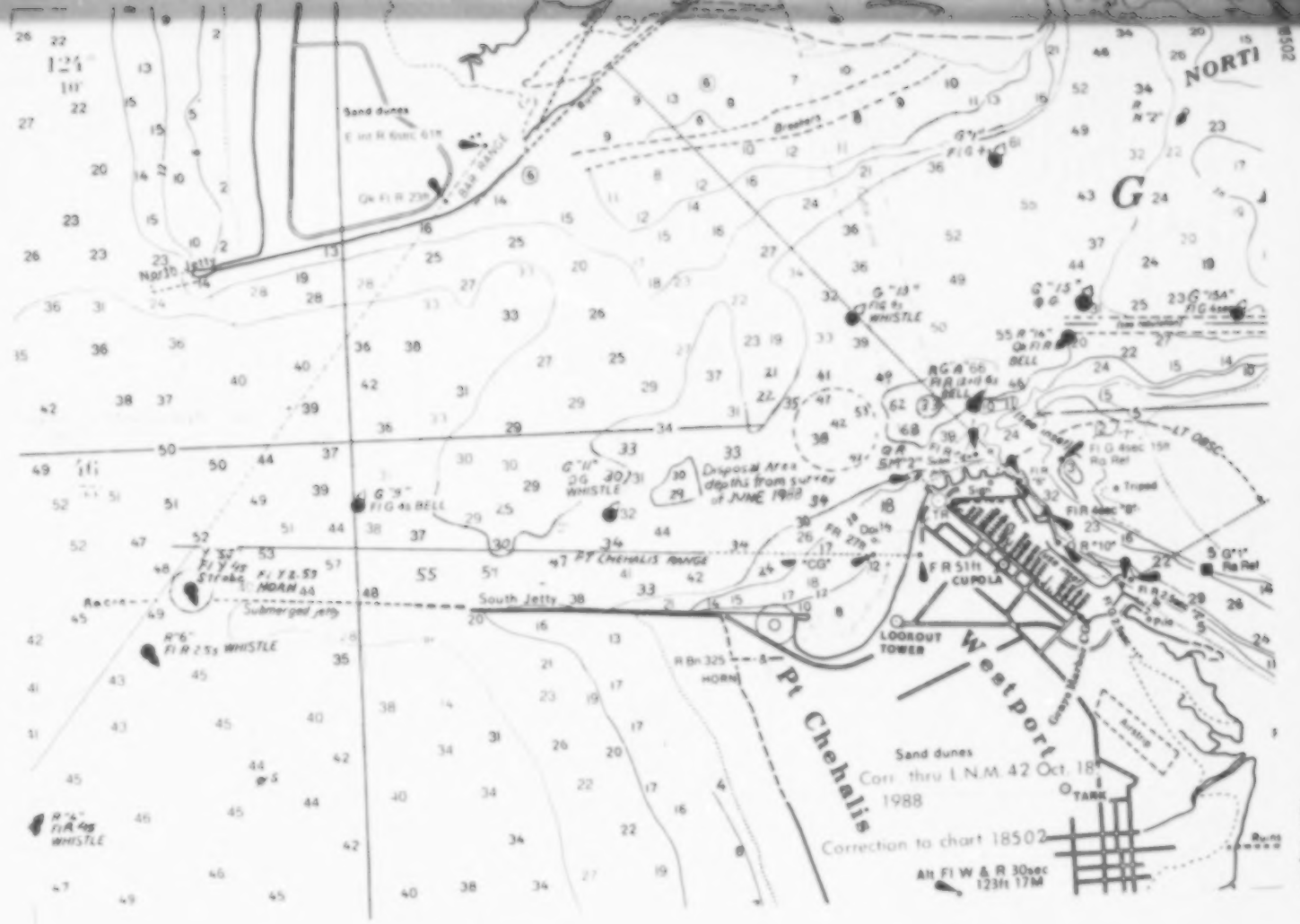
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS-SURVEYS TO OCTOBER 1987

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	(NAUT MILES)	DEPTH MLLW (FEET)
OUTER HARBOR (ENTRANCE TO BUOY 6)	28.2	30.0	27.2	9,10-87	500	1.34	30
ENTRANCE CHANNEL (BUOY 6 TO BASIN)	30.3	30.3	29.4	9,10-87	300	35	30
TURNING BASIN	30.7	26.7	25.4	9,10-87	300-600	50	30

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION



CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS DEPTH TABS AND NOTES

CHART 18502

NM 11/89

GRAYS HARBOR

CORPS OF ENGINEERS - REPORTS TO DEC 1988 AND SURVEYS TO DEC 1988

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH MLLW (FEET)
SOUTH REACH	29.2	31.9	29.7	10.12.88	350	3.7	30
CROSSOVER CHANNEL B	27.2	31.0	A30.2	11.88	350	1.9	30
NORTH CHANNEL B	30.6	31.4	29.3	10.11.88	350	2.4	30
HOQUIAM REACH	29.0	31.5	30.0	10.88	350	1.9	30
COW POINT REACH	20.6	29.9	23.7	10.11.88	350-600	1.8	30
ABERDEEN REACH	25.6	28.8	26.9	11.88	550-200	1.1	30
WEST TURNING BASIN	21.3	30.9	29.5	11.88	600	0.17	30
THENCE TO THE EAST TURNING BASIN	30.5	C31.1	28.0	11,12-88	200-400	1.8	30
EAST TURNING BASIN	28.5	31.2	25.5	11.88	200-550	0.7	30
EAST TURNING BASIN TO COSMOPOLIS	27.7	27.9	27.8	11.88	200	0.3	30

A SHOALING TO 25.5 FEET ALONG THE RIGHT EDGE 700 FEET EITHER SIDE OF BUOY "30"

B ONLY THE NORTH 350 FEET OF THE WIDENER AT THE JUNCTION OF CROSSOVER CHANNEL AND NORTH CHANNEL IS INCLUDED IN THE DEPTH TABULATION. A DEPTH OF 29.7 FEET WAS AVAILABLE IN THE REMAINDER OF THE WIDENER

C SHOALING TO 24.2 FEET NEAR THE RR BRIDGE SUPPORT IN APPROXIMATELY 46°58.19'N., 123°48.30'W

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHART 18504

NM 2/89

WILLAPA RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS SURVEYS - FEBRUARY 1986

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH MLLW (FEET)
ENTRANCE (46°41'53.5"N, 123°54'41"W) TO BEACON 26	11.1	5.9	11.8	12.86	200	2.6	24
THENCE TO LIGHT 33	19.6	15.8	11.6	12.86	200	1.2	24
THENCE TO LIGHT 39	15.1	15.8	13.6	12.86	200	1.3	24
THENCE TO LIGHT 56	8.2	11.5	10.0	12.86	200-300	3.2	24
THENCE TO NORTH FORK	10.1	12.4	14.1	12.86	300-250	2.1	24
NORTH FORK TO 700 FEET BELOW HIGHWAY BRIDGE	A10.1	14.1	4.2	8.85,3.93	200-150	0.4	24
SOUTH FORK TO 500 FEET NORTH OF N.P. RY. BRIDGE	13.1	5.2	4.0	12.86	50	0.3	24

A THE CHANNEL HAS SHOALED ALONG THE EDGE. A DEPTH OF 18.1 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHART 18521

NM 13/89

COLUMBIA RIVER CHANNEL DEPTHS
ENTRANCE TO MILLER SANDS RANGE

CORPS OF ENGINEERS REPORT OF FEB. 1989

* SEE FOOTNOTE						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH * (MILES)	DEPTH * (FEET)
ENTRANCE RANGE	54	55	50	43	12-88	2640	3.3	48
SAND ISLAND RANGE (CLATSOP SPIT)	50	51	50	51	12-88	2640	2.2	48
LOWER DESDEMONA SHOAL	43	43	46	43	11-88	600	3.4	40
UPPER DESDEMONA SHOAL	41	43	44	43	11-88	600	3.5	40
TANSY POINT TURN AND RANGE	40	43	42	32	11,12-88	600	4.9	40
ASTORIA RANGE	41	42	42	40	12-88	600	2.7	40
TONGUE POINT CHANNEL	39	43	41	43	11-88	600	2.2	40
HARRINGTON POINT RANGE	39	42	39	36	7,11-88	600	2.8	40
MILLER SANDS RANGE	40	43	41	42	12-88	600	2.2	40

* CONTROLLING DEPTHS IN CHANNELS ENTERING FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER FROM THE ENTRANCE TO HARRINGTON POINT AND COLUMBIA RIVER DATUM ABOVE THAT POINT. PROJECT LENGTHS ARE IN STATUTE MILES

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHART 18523

NM 20/89

COLUMBIA RIVER CHANNEL DEPTHS
MILLER SANDS RANGE TO GULL ISLAND TURN AND CHANNEL
CORPS OF ENGINEERS REPORT OF APRIL 1989

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT MILES)	DEPTH CRD (FEET)
MILLER SANDS RANGE	40	43	41	42	12.88	600	2.2	40
PILLAR ROCK LOWER RANGE	38	40	40	38	5.7.88	600	2.7	40
PILLAR ROCK UPPER RANGE	40	40	39	38	5.8.88	600	2.5	40
WELCH ISLAND REACH	45	44	43	38	6.88	600	2.8	40
SKAMOKAWA CHANNEL	41	43	41	39	2.89	600	3.4	40
STEAMBOAT REACH	50	46	47	46	6.88,2.89	600	1.3	40
PUGET ISLAND RANGE AND TURN	40	43	43	40	6.88	600	3.5	40
WAUNA RANGE	39	39	41	39	5.88	600	2.1	40
DRISCOLL RANGE	39	38	41	41	5.88	600	2.0	40
WESTPORT TURN AND RANGE	38	41	44	45	1.89	600	1.7	40
WESTPORT CHANNEL	38	39	38	37	1.3.89	600	2.4	40
EUREKA LOWER CHANNEL	45	45	45	47	3.89	600	2.1	40
EUREKA UPPER CHANNEL	41	41	44	41	3.89	600	0.8	40
OAK POINT CHANNEL	44	43	42	42	6.88	600	2.4	40
GULL I TURN AND CHANNEL	47	47	44	38	6.88,3.89	600	2.2	40

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHART 18524 **(Side A)**

NM 20/89

COLUMBIA RIVER CHANNEL DEPTHS
GULL ISLAND TURN AND CHANNEL TO SAINT HELENS TURN
CORPS OF ENGINEERS REPORT OF APRIL 1989

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT MILES)	DEPTH CRD (FEET)
GULL I TURN AND CHANNEL	47	47	44	38	6.88,3.89	600	2.2	40
STELLA RANGE	41	40	41	39	3.89	600	2.8	40
FISHER I CHANNEL	39	40	41	34	3.89	600	0.9	40
WALKER I CHANNEL	41	42	47	38	3.89	600	1.5	40
BARLOW PT. CHANNEL	40	42	45	42	3.89	600	1.3	40
SLAUGHTERS CHANNEL	41	43	41	35	12.88,3.89	600	2.5	40
SLAUGHTERS TURN AND CHANNEL OPPOSITE THE TURNING BASIN	39	42	43	38	12.88	600	1.7	40
COTTONWOOD ISLAND LOWER RANGE	38	40	41	39	6.88	600	1.7	40
COTTONWOOD ISLAND TURN	49	44	41	37	6.12.88	600	2.7	40
COTTONWOOD ISLAND UPPER RANGE AND TURN	42	46	46	46	12.88	600	1.6	40
KALAMA LOWER RANGE	44	44	45	40	12.88	600	1.8	40
KALAMA UPPER RANGE	39	41	40	41	6.12.88	600	2.6	40
BYBEE LEDGE CHANNEL	47	44	42	42	12.88	600	2.0	40
MARTIN ISLAND CHANNEL	41	40	41	39	6.12.88	600	2.1	40
MARTIN ISLAND RANGE	40	43	43	41	12.88	600	1.4	40
COLUMBIA CITY CHANNEL	40	43	40	40	12.88	600	1.2	40
ST. HELENS RANGE	41	40	40	41	12.88	600	2.0	40
ST. HELENS TURN	44	44	43	39	10.12.88	600	1.7	40

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHARTLETS DEPTH TABS AND NOTES

CHART 18524 **(Side B)**

NM 13/89

COLUMBIA RIVER CHANNEL DEPTHS
SAINT HELENS TURN TO TOMAHAWK BAR
CORPS OF ENGINEERS REPORT OF FEB. 1989

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT MILES)	DEPTH CRD (FEET)
ST. HELENS TURN	44	44	43	39	10-12-88	600	1.7	40
WARRIOR ROCK RANGE	40	41	40	40	12-88	600	1.3	40
DUCK CLUB TURN	40	42	43	39	12-88	600	1.4	40
HENRICI RANGE	43	42	41	40	12-88	600	2.6	40
FALES CHANNEL	43	41	42	39	12-88	600	1.1	40
KNAPP POINT CHANNEL	41	43	42	39	12-88	605	1.9	40
WILLOW LOWER RANGE	40	41	42	39	12-88	600	2.1	40
WILLOW UPPER RANGE	40	42	43	44	7-88	600	1.1	40
MORGAN TURN	40	42	41	48	7-88	600	1.0	40
MORGAN CHANNEL	41	40	43	41	7-88	600	1.5	40
VANCOUVER LOWER CHANNEL	39	42	50	50	11-88	600	1.1	40
VANCOUVER RANGE	42	40	40	41	11-88	500	1.2	40
VANCOUVER UPPER CHANNEL	37	41	41	43	11-88	500	0.9	40
VANCOUVER LOWER TURNING BASIN	40	43	41	34	11-88	600	1.0	40
VANCOUVER UPPER TURNING BASIN	30	30	30	24	11-88	800	0.9	35
TOMAHAWK BAR	19	19	19	19	11-88	300	3.7	27

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHART 18526

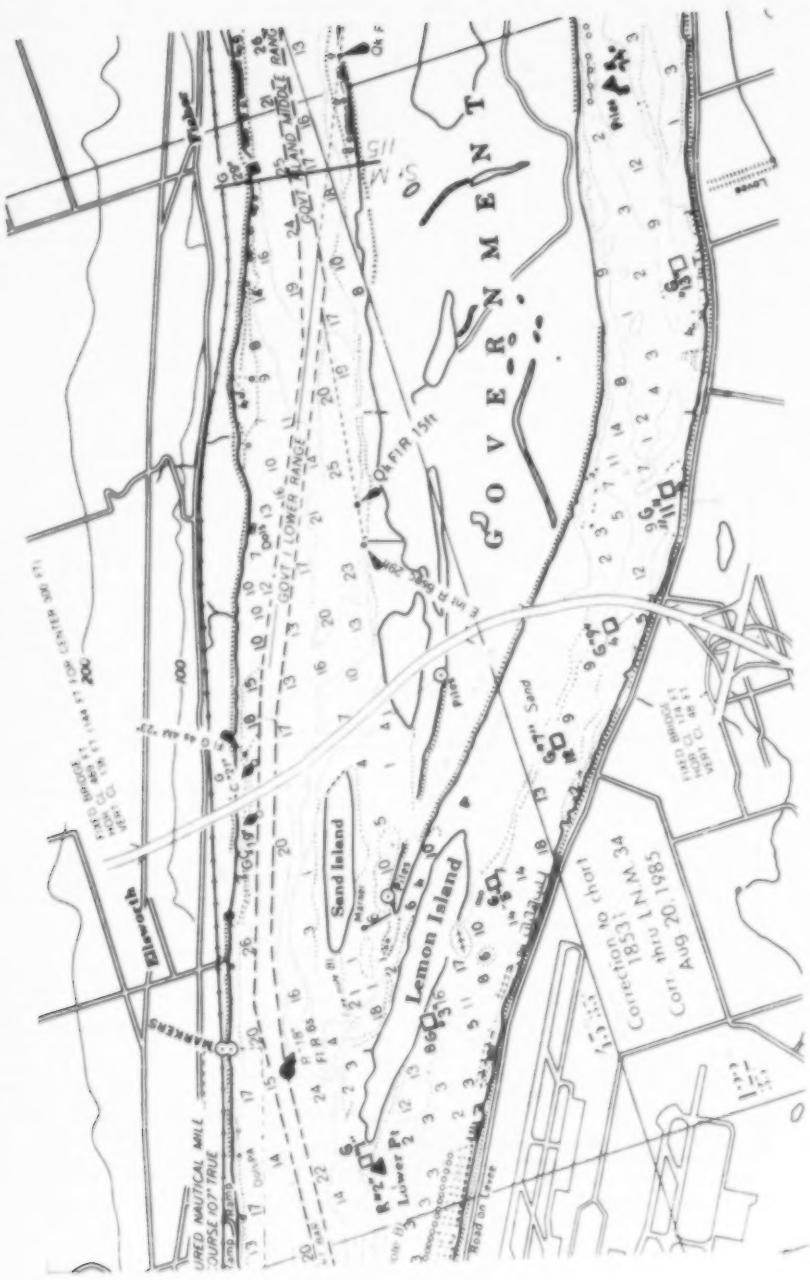
NM 13/89

COLUMBIA RIVER CHANNEL DEPTHS
MORGAN CHANNEL TO TOMAHAWK BAR
CORPS OF ENGINEERS REPORT OF FEB. 1989

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT MILES)	DEPTH CRD (FEET)
MORGAN CHANNEL	41	43	43	41	7-88	600	1.5	40
VANCOUVER LOWER CHANNEL	39	42	50	50	11-88	500	1.1	40
VANCOUVER RANGE	42	40	40	41	11-88	500	1.2	40
VANCOUVER UPPER CHANNEL	37	41	41	43	11-88	500	0.9	40
VANCOUVER LOWER TURNING BASIN	40	43	41	34	11-88	600	1.0	40
VANCOUVER UPPER TURNING BASIN	30	30	30	24	11-88	800	0.9	35
TOMAHAWK BAR	19	19	19	19	11-88	300	3.7	27

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

CHART 18531

NM 13/89

COLUMBIA RIVER CHANNEL DEPTHS
TOMAHAWK BAR TO BONNEVILLE LOCKS
CORPS OF ENGINEERS REPORT OF FEBRUARY 1989

NAME OF CHANNEL	* SEE FOOTNOTE: LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	PROJECT DIMENSIONS: WIDTH (FEET)	LENGTH * (MILES)	DEPTH * (FEET)
TOMAHAWK BAR	19	18	18	11-88	300	3.7	27
AIRPORT BAR	19	17	19	11-88	300	2.8	27
GOVERNMENT ISLAND LOWER RANGE	16	17	17	11-88	300	1.1	27
GOVERNMENT ISLAND MIDDLE RANGE	15	17	17	11-88	300	1.6	27
FISHER QUARRY CHANNEL RANGE	24	25	19	11-88	300	1.0	27
GOVERNMENT ISLAND RANGE	19	24	24	11-88	300	1.1	27
GOVERNMENT ISLAND UPPER RANGE	14	16	17	5-85	300	0.8	27
LADY ISLAND RANGE	14	17	21	5-85	300	2.1	27
LADY ISLAND CHANNEL AND UPPER RANGE	22	26	21	5-85	300	0.9	27
WASHOUGAL LOWER RANGE	24	28	28	5-86	300	1.5	27
WASHOUGAL UPPER RANGE	29	28	30	5-86	300	1.1	27
GARY ISLAND CHANNEL	16	17	16	5-86	300	0.9	27
REED ISLAND CHANNEL	18	13	18	5-86	300	2.2	27
TUNNEL POINT CHANNEL	30	31	41	5-84	300	0.8	27
ROOSTER ROCK CHANNEL	24	28	29	5-84	300	1.2	27
CAPE HORN CHANNEL	31	31	32	5-84	300	2.4	27
CANDIANA CHANNEL	36	43	45	5-84	300	1.0	27
FASHION REEF LOWER RANGE	19	21	23	3-86	300	2.2	27
MULTNOMAH FALLS BAR RANGE	12	14	23	3-86	300	1.3	27
MULTNOMAH FALLS TURN	17	20	23	5-84,3-86	300	0.8	27
MULTNOMAH FALLS UPPER RANGE	21	22	23	5-84	300	3.2	27
MCGOWANS CHANNEL	53	49	46	6-84	300	1.1	27
WARRENDALE LOWER RANGE	20	20	20	6-84	300	0.9	27
WARRENDALE UPPER RANGE	21	23	24	6-84	300	0.5	27
HAMILTON ISLAND REACH	20	26	31	6-84	300	0.9	27
ENTRANCE TO BONNEVILLE LOCKS	24	27	15	8-85	300	1.4	27*

* CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM AND MAINTAINED TO 15 FEET.
PROJECT LENGTHS ARE IN STATUTE MILES.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHART 18581

NM 6/89

YAQUINA BAY AND RIVER CHANNEL DEPTHS
CORPS OF ENGINEERS REPORT OF SEPT. 1988

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW): LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	PROJECT DIMENSIONS: WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
CHANNEL ENTRANCE							
44°36'24"N, 124°03'20"W TO FIRST TURN	29	34	25	8-88	400-300	1.3	40-30
THENCE TO TURNING BASIN	21	31	22	8-88	300-400	1.3	30
TURNING BASIN	24	22	24	8-88	300-1200	0.3	30
THENCE TO YAQUINA	17	18	18	5-85	150	1.6	18
THENCE TO END OF PROJECT	A00	A05	A01	2,3-85	150	9.7	10

A. SHOALING REPORTED BETWEEN LIGHT 44 AND LIGHT 47, MARINERS ARE URGED TO USE CAUTION WHEN TRANSITING THE AREA.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHARTLETS
DEPTH TABS
AND NOTES

CHART 18584

NM 25/89

UMPQUA RIVER CHANNEL DEPTHS

CORPS OF ENGINEERS REPORT OF SEPT. 1986

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL TO LT. 21	19	20	19	9-86;10-87; 4-88;6-88	300	7.0	26-22
LT. 21 TO REEDSPORT	20	20	17	3-89	200	2.7	22
REEDSPORT TURNING BASIN	25	26	24	3-89	600	0.2	22
LT. 21 TO GARDINER	13	15	15	3-89	200	1.15	22

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHART 18587

NM 20/89

COOS BAY AND ISTHMUS SLOUGH CHANNEL DEPTHS

CORPS OF ENGINEERS REPORT OF SEPT. 1969 AND SURVEYS TO FEB. 1969

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH MLLW (FEET)
ENTRANCE RANGE	39	39	38	6-86	---	1.5	45-35
INSIDE RANGE	30	35	30	5-87;2-88	300	0.7	35
COOS BAY RANGE	33	33	26	5-87;2-88	300	1.6	35
EMPIRE RANGE	34	34	32	2-89	300	1.3	35
LOWER JARVIS RANGE	35	33	33	2-89	300	0.6	35
JARVIS TURN	37	38	32	2-89	300	0.5	35
UPPER JARVIS RANGE	30	33	30	1-89	300	1.6	35
NORTH BEND LOWER RANGE	29	35	31	1-89	400	0.6	35
NORTH BEND RANGE	29	34	33	1-89	400	1.0	35
NORTH BEND UPPER RANGE	34	37	28	1-89	400	0.7	35
FERNDALE LOWER RANGE	34	35	30	11-87;4-88	400-600	0.7	35
FERNDALE TURN	31	26	37	12-88	400	0.4	35
FERNDALE UPPER RANGE	A33	35	32	12-88	400	0.4	35
MARSHFIELD RANGE	A35	34	31	12-88	400	0.3	35
MARSHFIELD RANGE TO ISTHMUS SLOUGH	30	36	35	12-88	150-600	0.7	35
ISTHMUS SLOUGH	19	20	19	4-85	150	1.9	27

A. SHOALING TO 27 FEET ON THE LEFT EDGE OF THE TURNING POINT BETWEEN FERNDALE UPPER RANGE AND MARSHFIELD RANGE.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHART 18622

NM 14/89

HUMBOLDT BAY AND HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS SURVEYS TO OCT. 1986

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH MLLW (FEET)
BAR CHANNEL	40.2	40.7	40.4	A41.0	10-86	1600-500	0.6	40
ENTRANCE CHANNEL	38.0	44.2	44.6	B41.2	10-86	500	0.8	35-40
NORTH BAY CHANNEL	33.1	34.5	32.7	C23.0	6,10-86	400-500	3.0	35
EUREKA CHANNEL								
OUTER REACH	32.7	31.6	30.9	24.7	6-86	400	0.4	30
INNER REACH	D20.1	D23.9	D21.6	D18.9	6-86	400	1.1	26
SAMOA CHANNEL	33.3	33.9	34.8	32.4	3-86	400	1.3	35
TURNING BASIN	32.7	35.5	34.5	29.4	5-87,3-88	400-1000	0.3	35
FIELDS LANDING CHANNEL	21.6	28.1	27.6	22.6	3-88	300	1.9	26
TURNING BASIN	16.9	24.8	23.7	27.4	3-88	300-800	0.1	26

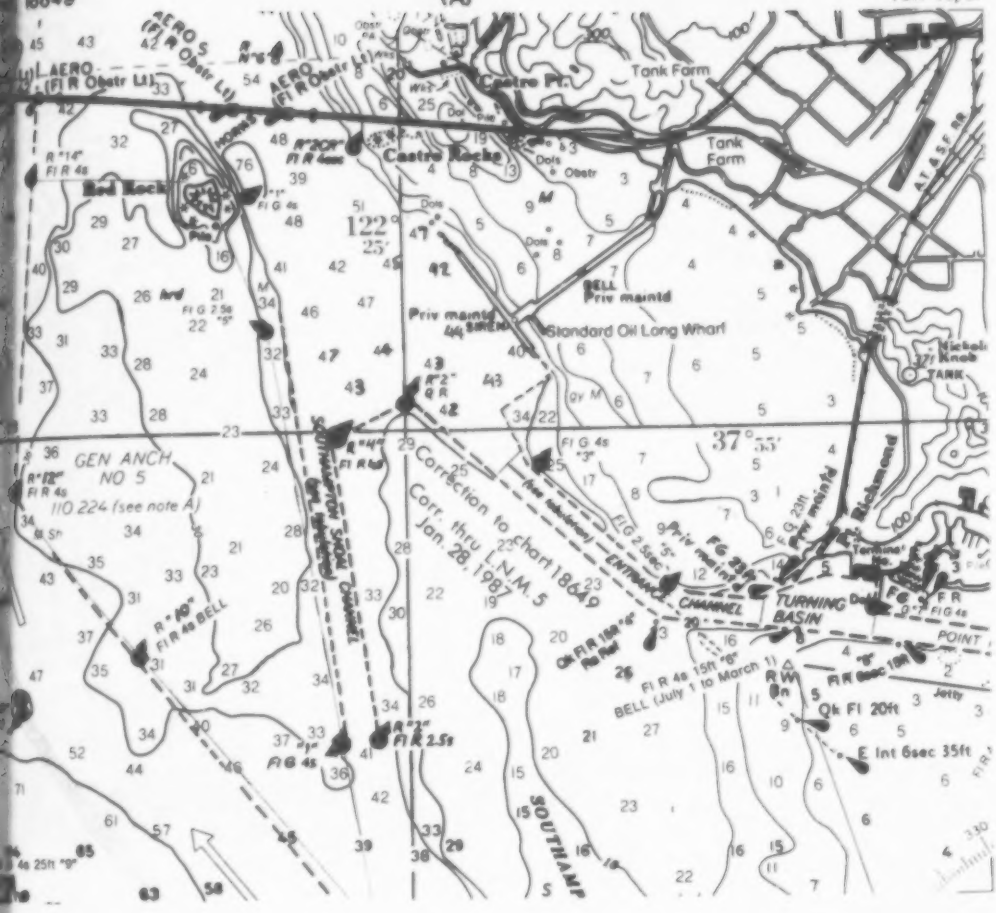
A. SHOALING TO 27.7 FEET ALONG THE RIGHT EDGE OPPOSITE LIGHT 4.

B. SHOALING TO 13.7 FEET IN THE OUTSIDE HALF OF THE QUARTER IN THE VICINITY OF 40°45'29"N 124°14'04"W

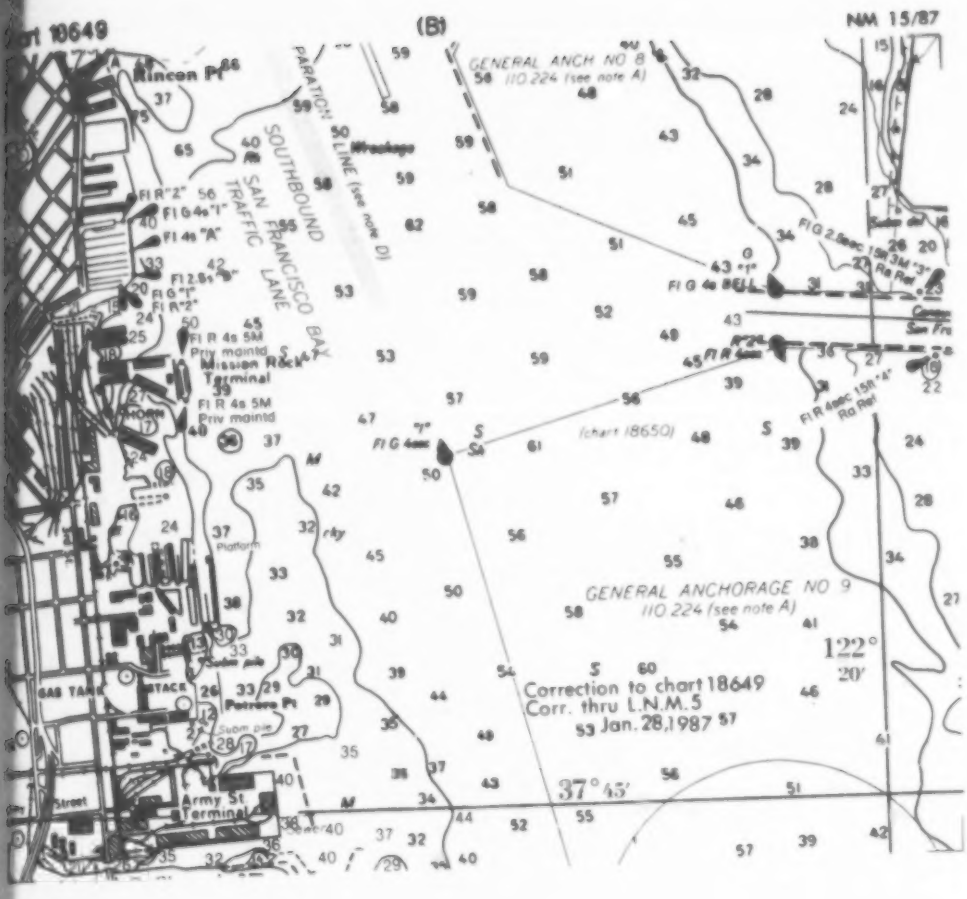
C. SHOALING TO 21.9 FEET ALONG THE RIGHT EDGE OF THE WIDENER NEAR LIGHT 14

D. DEPTHS WERE AVAILABLE TO A POINT OPPOSITE "B" STREET, THENCE A DEPTH OF 8.6 FEET, 10.2 FEET, 11.8 FEET AND 7.8 FEET IN THE LEFT OUTSIDE QUARTER, LEFT INSIDE QUARTER, RIGHT INSIDE QUARTER AND RIGHT OUTSIDE QUARTER RESPECTIVELY

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION



CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

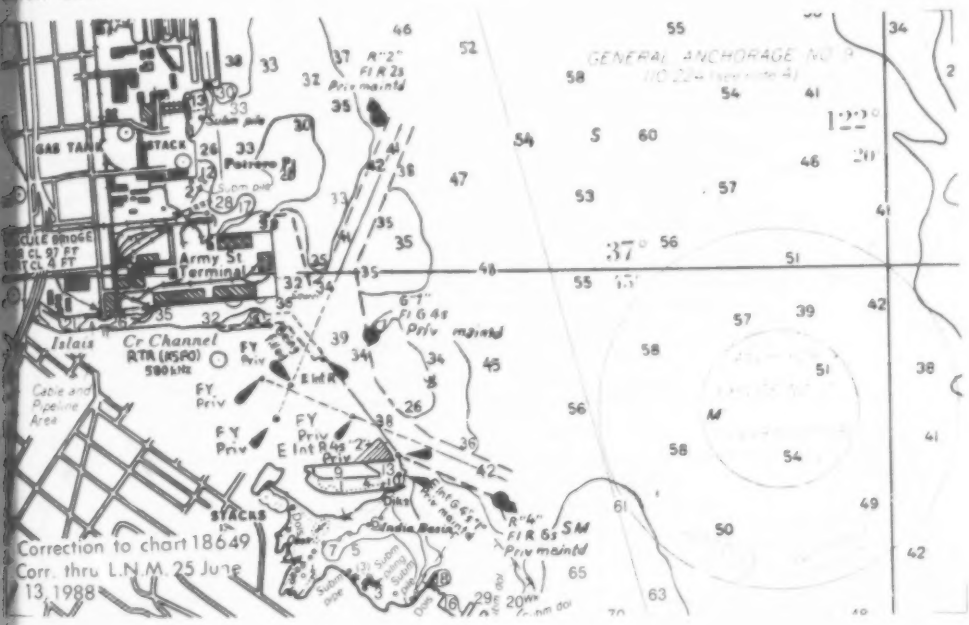
CHART 18649

NM 27/88

SAN FRANCISCO BAY TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS-SURVEYS TO FEB 1988								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH MLLW (FEET)
MAIN SHIP CHANNEL ENTRANCE	50.1	53.4	53.0	53.1	2-88	2000	3.5	55
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

ART 18649

NM 34/88



CHARTLETS
DEPTH TABS
AND NOTES

CHART 18649

NM 3/89

OAKLAND OUTER AND INNER HARBORS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS SURVEYS TO SEPT 1988

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH MLLW (FEET)
BAR CHANNEL	34.1	38.3	41.0	37.5	3-88	800	0.45	35
OUTER HARBOR ENTRANCE CHANNEL	A23.1	31.2	38.0	37.0	3-88	650-800	0.87	35
OUTER HARBOR	23.4	33.9	33.3	B18.5	3-88	600-1350	1.40	35
INNER HARBOR								
ENTRANCE CHANNEL	34.7	35.0	35.3	34.7	5,7,9-88	800-500	1.00	35
INNER HARBOR REACH	C25.5	38.1	35.1	D25.8	7-88	500-600	2.27	35
GROVE ST PIER TO BROOKLYN BASIN	28.6	34.9	31.7	E11.4	7-88	600	1.30	35
BROOKLYN BASIN SOUTH CHANNEL	F27.4	26.1	25.3	G13.5	7-88	600-500	0.90	35
PARK ST BRIDGE REACH	15.9	20.8	23.5	11.3	7-86,3-88	500-275	0.42	35

A. THE CHANNEL HAS SHOALED ALONG THE EDGE; A DEPTH OF 37.2 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER

B. THE HARBOR HAS SHOALED ALONG THE EDGE; A DEPTH OF 35.1 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER

C. THE CHANNEL HAS SHOALED ALONG THE EDGE; A DEPTH OF 31.8 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER

D. THE CHANNEL HAS SHOALED ALONG THE EDGE; A DEPTH OF 35.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER

E. THE CHANNEL HAS SHOALED ALONG THE EDGE; A DEPTH OF 16.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER

F. THE CHANNEL HAS SHOALED ALONG THE EDGE; A DEPTH OF 27.4 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER

G. THE CHANNEL HAS SHOALED ALONG THE EDGE; A DEPTH OF 21.8 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHART 18649

NM 8/89

RICHMOND HARBOR AND SOUTHAMPTON SHOAL CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS-SURVEYS TO OCT 1988

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH MLLW (FEET)
SOUTHAMPTON SHOAL CHANNEL	42.3	45.9	48.0	45.4	5-88	800	1.1	45
RICHMOND HARBOR								
ENTRANCE CHANNEL	31.6	31.7	32.3	32.2	10-88	600-550	1.8	35
TURNING BASIN AT PT. RICHMOND	31.7	31.4	31.3	31.0	10-88	550-1150	0.4	35
POINT POTRERO REACH	31.5	32.4	32.2	25.0	10-88	500-800	1.0	35
POINT POTRERO TURN	32.5	34.3	33.1	28.8	5,10-88	600-1000	0.9	35
HARBOR CHANNEL	30.1	33.0	32.1	A23.7	10-88	850-200	0.5	35
SANTA FE CHANNEL	31.7	30.3	31.5	31.5	5-88	200	0.5	35-30
TURNING BASIN	30.3	30.6	30.1	24.6	2-88	200-500	0.16	30

A. THE CHANNEL HAS SHOALED ALONG THE EDGE; A DEPTH OF 31.2 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHARTLETS DEPTH [illegible] AND NOTES

CHART 18650

NM 3/89

OAKLAND OUTER AND INNER HARBORS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS-SURVEYS TO SEPT 1988

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BAR CHANNEL	34.1	38.9	41.0	37.5	3-88	800	0.45	35
OUTER HARBOR ENTRANCE CHANNEL	A23.1	37.2	38.0	37.0	3-88	650-600	0.87	35
OUTER HARBOR	23.4	33.9	33.3	B19.5	3-88	600-1350	1.40	35
INNER HARBOR								
ENTRANCE CHANNEL	34.7	35.0	35.3	34.7	5,7,9-88	800-500	1.00	35
INNER HARBOR REACH	C25.5	36.1	35.1	D25.8	7-88	500-600	2.27	35
GROVE ST PIER TO								
BROOKLYN BASIN	28.6	34.9	31.7	E11.4	7-88	600	1.30	35
BROOKLYN BASIN SOUTH CHANNEL	F27.4	26.1	25.3	G13.5	7-88	600-500	0.90	35
PARK ST BRIDGE REACH	15.9	20.6	23.5	11.3	7-86 3-88	500-275	0.42	35

A. THE CHANNEL HAS SHOALED ALONG THE EDGE; A DEPTH OF 37.2 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER

B. THE HARBOR HAS SHOALED ALONG THE EDGE, A DEPTH OF 35.1 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER

C. THE CHANNEL HAS SHOALED ALONG THE EDGE, A DEPTH OF 31.8 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER

D. THE CHANNEL HAS SHOALED ALONG THE EDGE; A DEPTH OF 35.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER

E. THE CHANNEL HAS SHOALED ALONG THE EDGE, A DEPTH OF 16.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER

F. THE CHANNEL HAS SHOALED ALONG THE EDGE, A DEPTH OF 27.4 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER

G. THE CHANNEL HAS SHOALED ALONG THE EDGE, A DEPTH OF 21.8 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHART 18654

NM 11/89

MARE ISLAND STRAIT CHANNEL DEPTHS

FROM SURVEYS BY THE CORPS OF ENGINEERS TO OCTOBER 1988

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
A	A14.1	18.2	34.8	B22.1	10-88	700		30
B	C15.0	35.7	34.1	D23.8	10-88	700		30
C	E14.6	35.2	25.4	F15.1	10-88	700-1000		30
D	G19.3	35.0	21.6	H12.2	10-88	1000		30
E	I19.7	35.5	24.3	J10.2	10-88	1000		30
F	K21.0	29.5	23.1	L 9.1	10-88	1000		30
G	20.8	20.3	20.5	19.8	4-86	1000-940		30-26

A. A DEPTH OF 17.2 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER
B. A DEPTH OF 26.9 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER
C. A DEPTH OF 33.7 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER
D. A DEPTH OF 29.3 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
E. A DEPTH OF 23.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER
F. A DEPTH OF 20.8 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
G. A DEPTH OF 28.2 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
H. A DEPTH OF 17.1 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER
I. A DEPTH OF 33.1 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER
J. A DEPTH OF 14.8 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER
K. A DEPTH OF 29.4 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER
L. A DEPTH OF 14.4 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER

NOTE-DEPTHS SHOALER THAN THOSE SHOWN ABOVE MAY EXIST ON OR NEAR THE OUTSIDE EDGES OF THE CHANNEL.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHARTLETS DEPTH TABS AND NOTES

best copy available

CHART 18655

NM 11/89

MARE ISLAND STRAIT CHANNEL DEPTHS

FROM SURVEYS BY THE CORPS OF ENGINEERS TO OCTOBER 1988

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
A	A14.1	18.2	34.8	B22.1	10-88	700		30
B	C15.0	35.7	34.1	D23.8	10-88	700		30
C	E14.8	35.2	29.4	F18.1	10-88	700-1000		30
D	G19.3	35.0	21.8	H12.2	10-88	1000		30
E	I19.7	35.5	24.3	J10.2	10-88	1000		30
F	K21.0	29.5	33.1	L 9.1	10-88	1000		30
G	20.8	20.3	20.5	19.8	4-88	1000-940		30-28

A. A DEPTH OF 17.2 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
B. A DEPTH OF 26.9 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
C. A DEPTH OF 33.7 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
D. A DEPTH OF 29.3 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
E. A DEPTH OF 23.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
F. A DEPTH OF 20.8 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
G. A DEPTH OF 28.2 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
H. A DEPTH OF 17.1 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
I. A DEPTH OF 33.1 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
J. A DEPTH OF 14.8 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
K. A DEPTH OF 29.4 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
L. A DEPTH OF 14.4 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.

NOTE-DEPTHS SHOALER THAN THOSE SHOWN ABOVE MAY EXIST ON OR NEAR THE OUTSIDE EDGES OF THE CHANNEL.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION.

CHART 18656

NM 37/88

SUISUN BAY

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APRIL 1988

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH MLLW (FEET)
SUISUN PT. REACH	42.0	44.2	45.1	4-88	300	0.8	35
BULLS HEAD CHANNEL	38.5	34.8	33.5	4-88	300-350	1.2	35
EAST BULLS HEAD CHANNEL	35.5	35.0	33.7	4-88	350	1.1	30
PT. EDITH CROSSING RANGE	26.5	35.9	30.4	4-88	350	1.1	30
PRESTON PT. REACH	28.1	38.9	32.9	4-88	350	0.9	30
ROE ISLAND CHANNEL	27.5	34.4	33.9	4-88	350	1.1	30
PORT CHICAGO REACH	38.8	38.7	37.8	4-88	350	0.52	30
MIDDLE GROUND CHANNEL							
WEST REACH	35.5	38.2	35.2	4-88	350	1.29	30
EAST REACH	35.5	37.1	33.4	4-88	350	1.09	30
NEW YORK SLOUGH							
WEST REACH	30.8	33.1	22.8	2.3-88	400	1.3	30
EAST REACH	31.5	32.9	32.0	10-87	400	1.7	30

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION.

CHART 18658

NM 37/88

SUISUN BAY

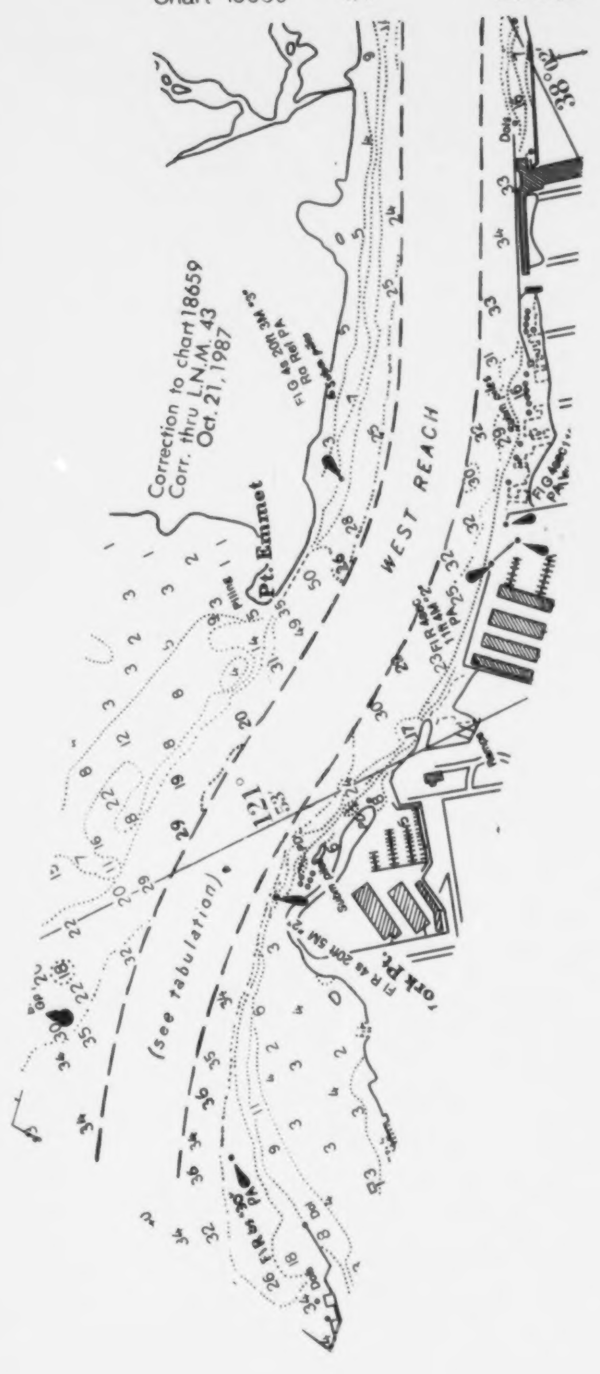
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR. 1988

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
EAST BULLS HEAD CHANNEL	35.5	35.0	33.7	4-88	350	1.10	30
PT. EDITH CROSSING RANGE	26.5	35.9	30.4	4-88	350	1.10	30
PRESTON PT. REACH	28.1	38.9	32.9	4-88	350	0.90	30
ROE ISLAND CHANNEL	27.5	34.4	33.9	4-88	350	1.10	30
PORT CHICAGO REACH	38.8	38.7	37.8	4-88	350	0.52	30
MIDDLE GROUND CHANNEL							
WEST REACH	35.5	38.2	35.2	4-88	350	1.29	30
EAST REACH	35.5	37.1	33.4	4-88	350	1.09	30

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION.

CHARTLETS
DEPTH TABS
AND NOTES

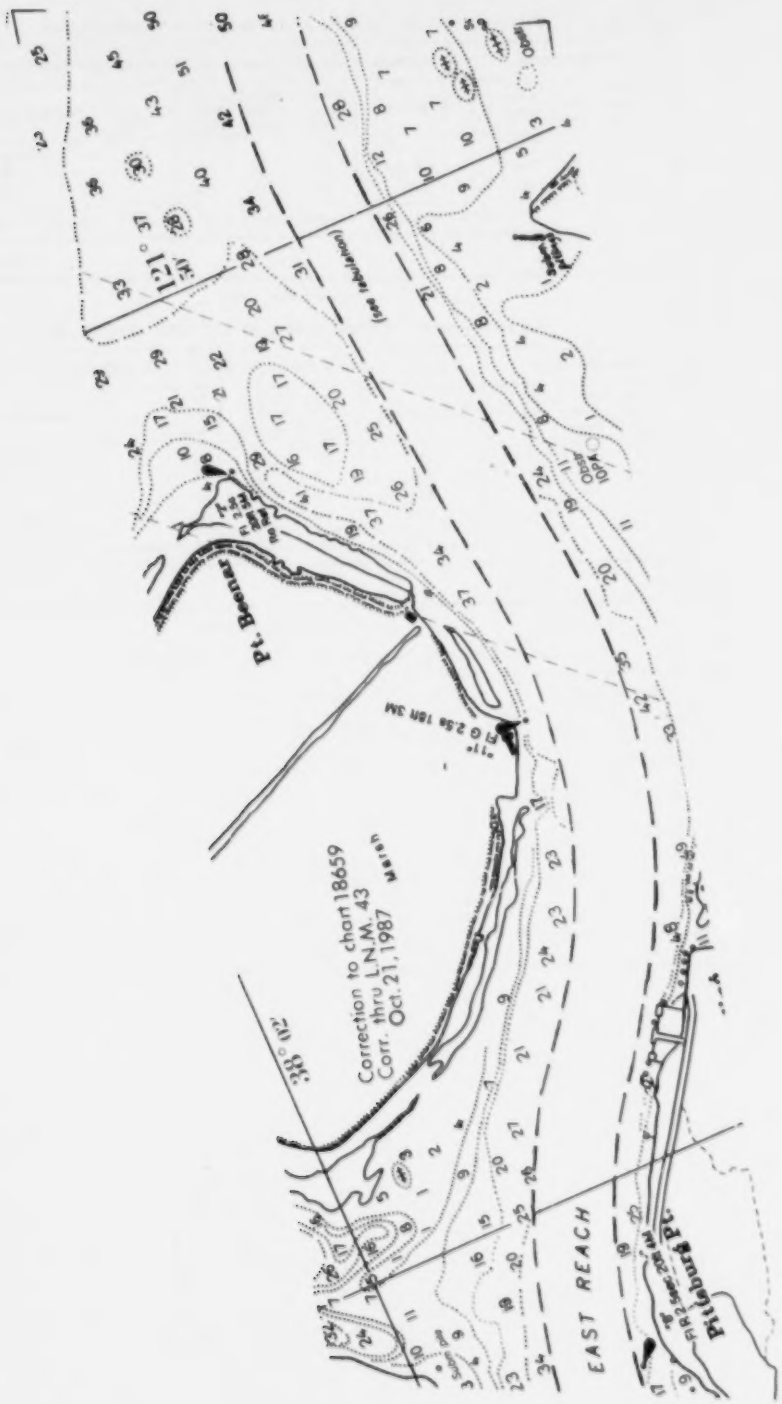
Chart 18659 (A) NM 52/87



CHARTLETS
DEPTH TABS
AND NOTES

Chart 18659 (B) NM 52/87

CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

CHART 18659

NM 27/88

SUISUN BAY

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MARCH 1988

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH MLLW (FEET)
NEW YORK SLOUGH							
WEST REACH	30.6	33.1	22.6	2,3-88	400	1.3	30
EAST REACH	31.5	32.9	32.0	10-87	400	1.7	30

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHART 18685

NM 17/89

MOSS LANDING HARBOR

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JAN 1989

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	12.4	9.9	7.4	1-89	200	0.3	15
TURNING BASIN	15.1	13.3	12.3	1-89	300	0.1	15
INNER CHANNEL	15.2	15.5	14.8	1-89	100	0.4	15
INNER TURNING BASIN	15.5	15.5	14.2	1-89	100-120	0.1	15

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHART 18754

NM 14/89

NEWPORT BAY CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEPT 1988

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	15.4	22.2	21.5	19.2	9-88	500	0.6	20
CORONA DEL MAR BEND	16.9	20.5	21.2	20.0	9-88	200-500	0.3	20
BALBOA REACH	16.5	18.8	18.3	17.9	9-88	200	0.5	20
HARBOR ISLAND REACH	16.0	16.3	16.4	16.0	9-88	200	0.7	20
LIDO ISLE REACH	15.4	17.0	17.0	17.1	9-88	200	0.8	20
TURNING BASIN	14.5	14.5	19.5	19.2	11,12-74; 9-88	200-1000	0.3	20
BALBOA ISLAND, NORTH CHANNEL	8.9	9.5	9.5	9.0	9-88	200	0.9	10

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHARTLETS DEPTH TABS AND NOTES

KUHIO BAY
Correction to chart 19324
Corr. thru L.N.M. 8 Feb. 15, 1984
Coconut I
MAKAOKU
Waiakea Pond
Liliuokalani Gardens
Kaulainiwi
Reeds Bay
WAIAKEA LT
FR 47ft 7M
TV TR
FOOTBRIDGE
VERT CL 6 ft REP
PIER No. 1
PIER No. 2
INNER BERTH OUTER BERTH
TANK
F R Lt
BUILDING
(Lt)
(see note C)
ANCHORAGE AREA
PLATFORM
CHARTLETS
DEPTH TABS
AND NOTES

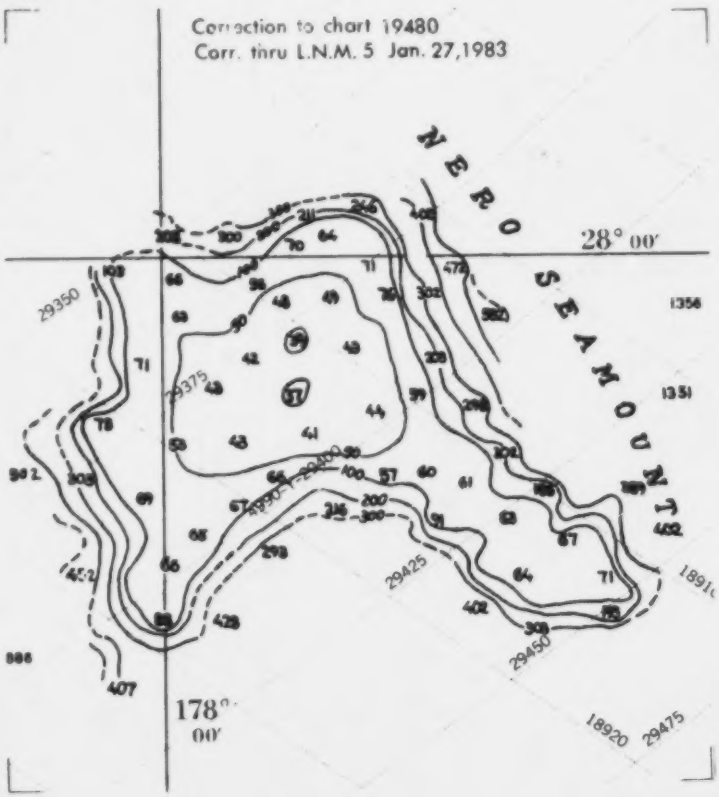
CHART 19367

NM 7/88

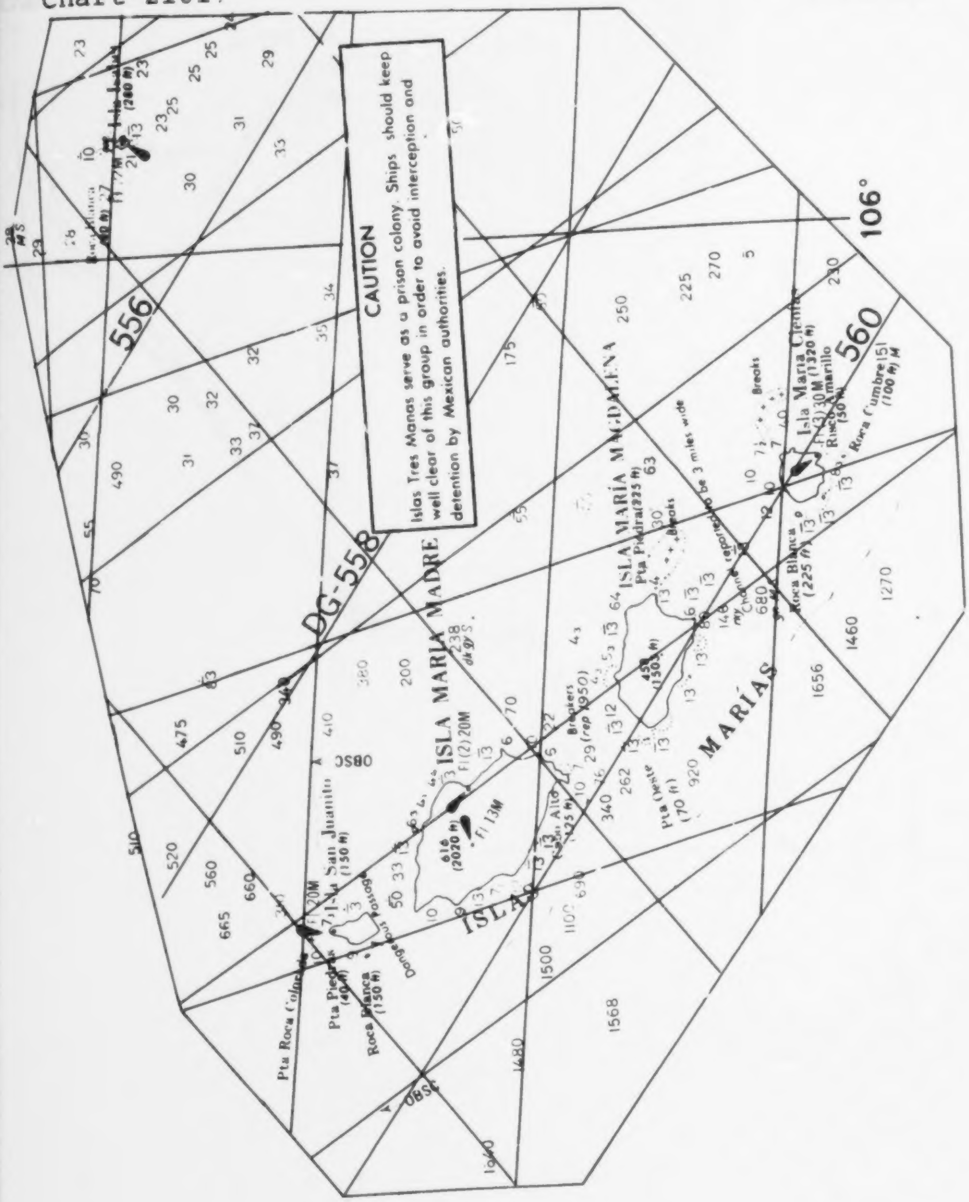
HONOLULU HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS SURVEYS OF AUGUST 1983								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
HONOLULU CHANNEL RANGE	34.1	43.3	45.3	40.0	6-83	500	0.53	40
KALIHI CHANNEL ENTRANCE	19.2	34.3	36.3	R31.5	8-83	400	1.2	35
EMERGENCY TURNING BASIN	A22.3	35.5	35.8	36.0	8-83	400-900	0.5	35
A. LOCATED ON THE CHANNEL EDGE NOTE CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 19480

NM 13/83



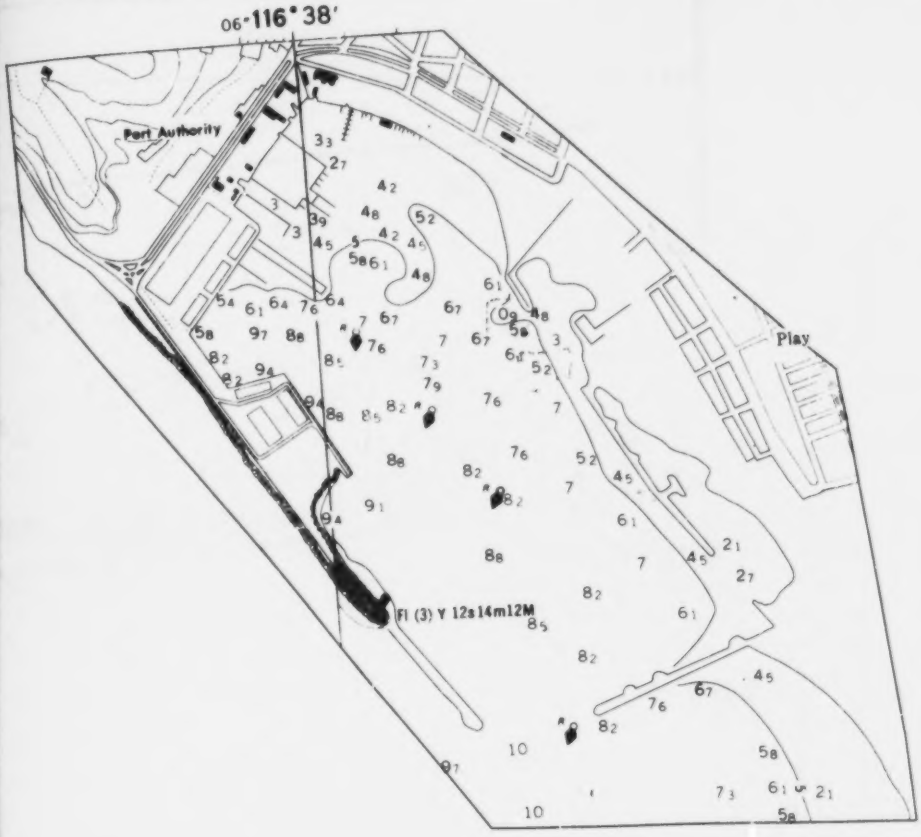
CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS DEPTH TABS AND NOTES

Chart 21021 (Plan)

NM 31/87



CHARTLETS
DEPTH TABS
AND NOTES

NM 6/86

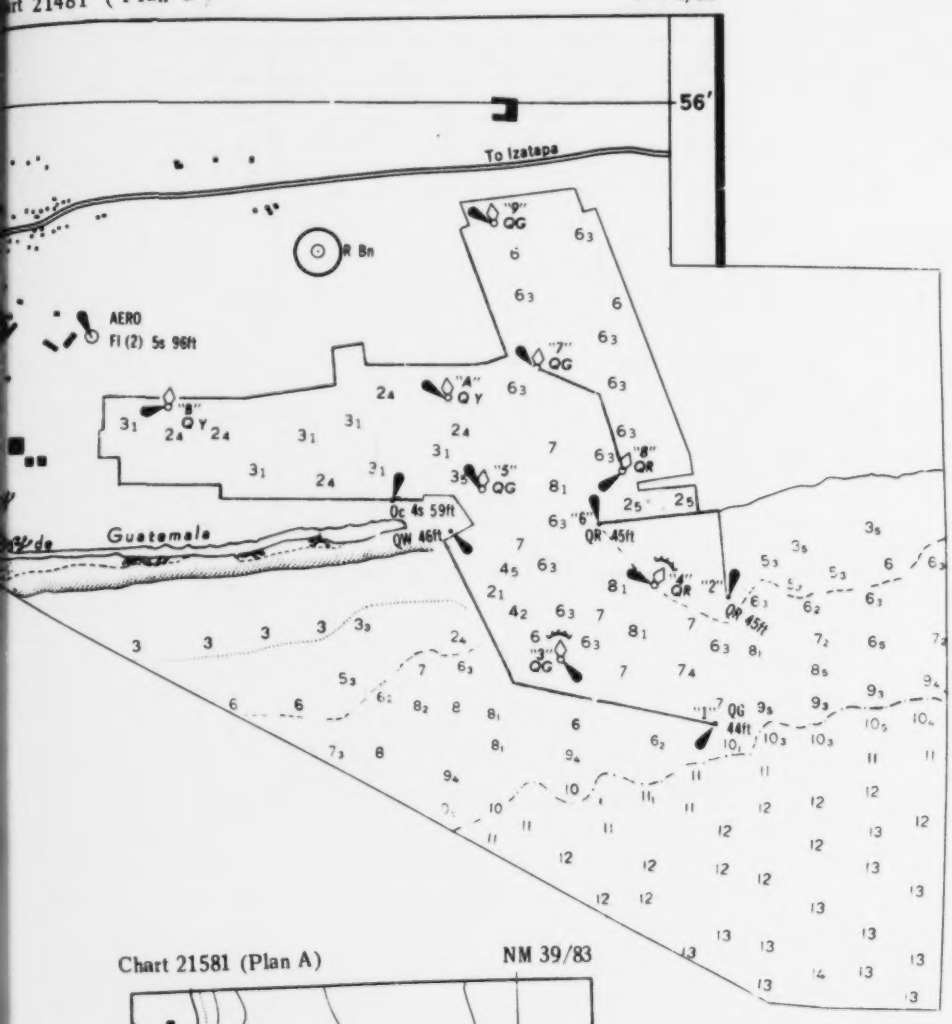
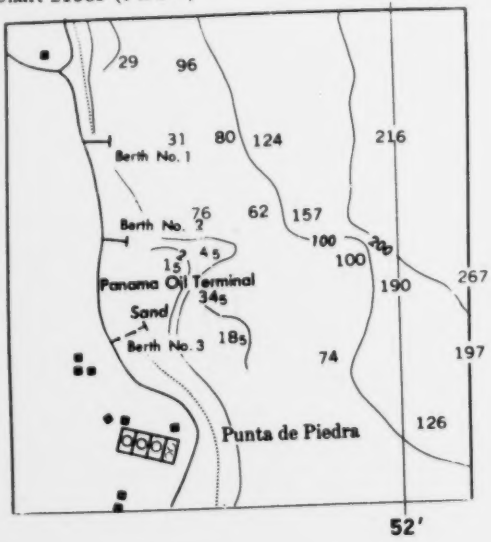
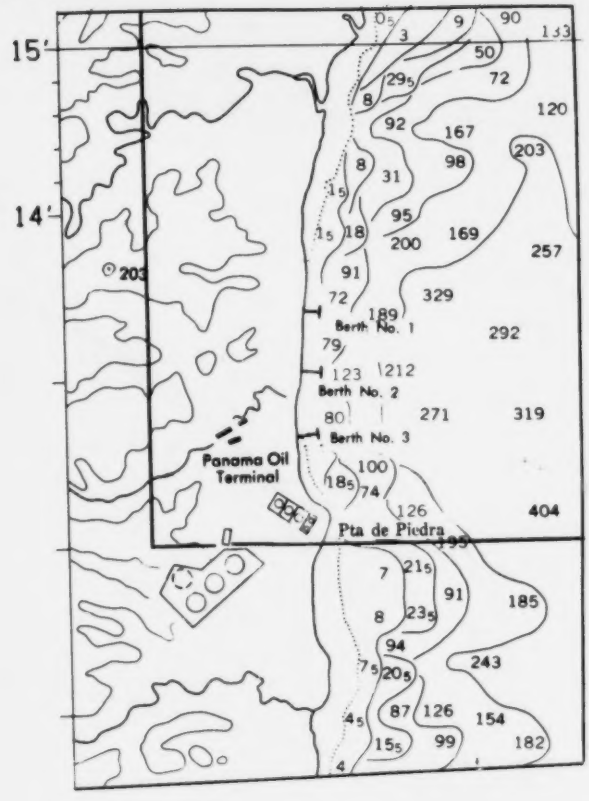


Chart 21581 (Plan A)

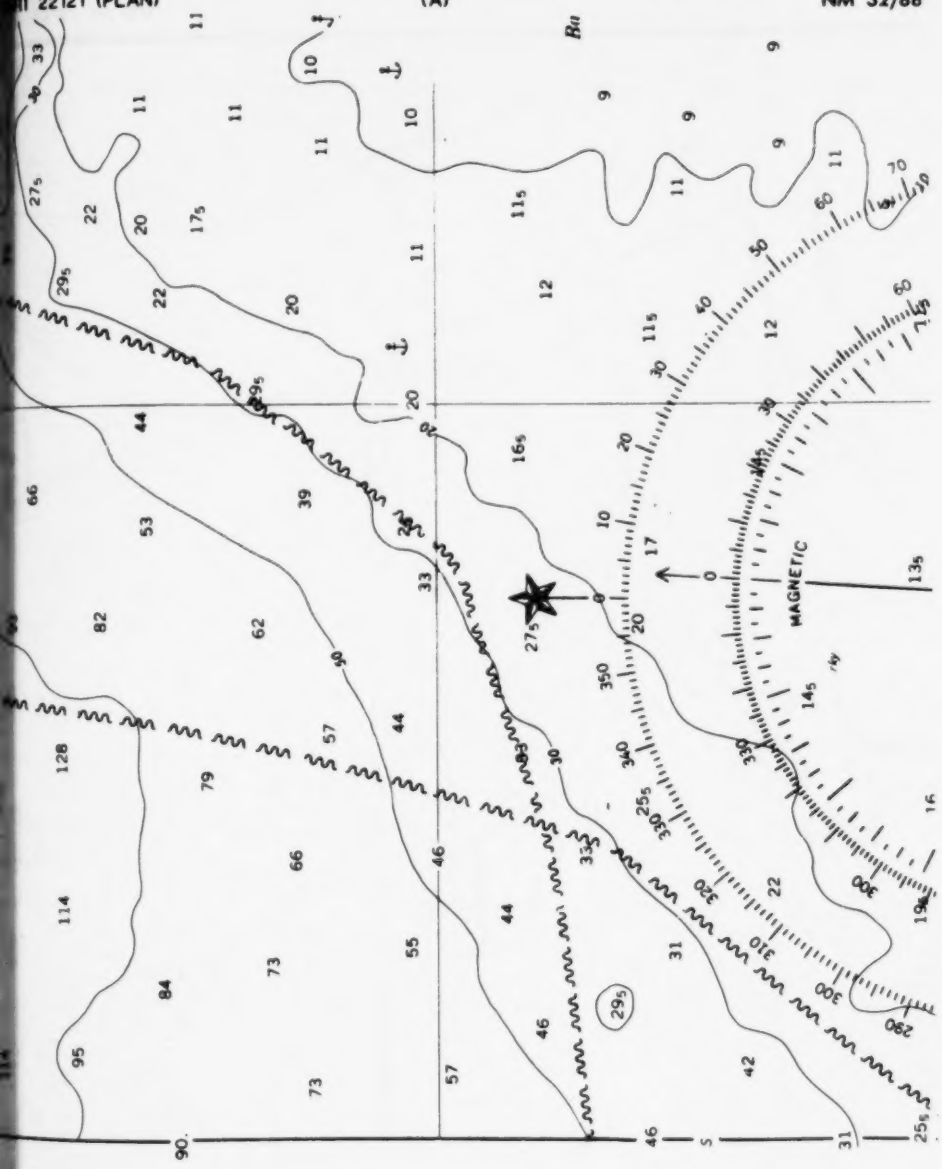
NM 39/83



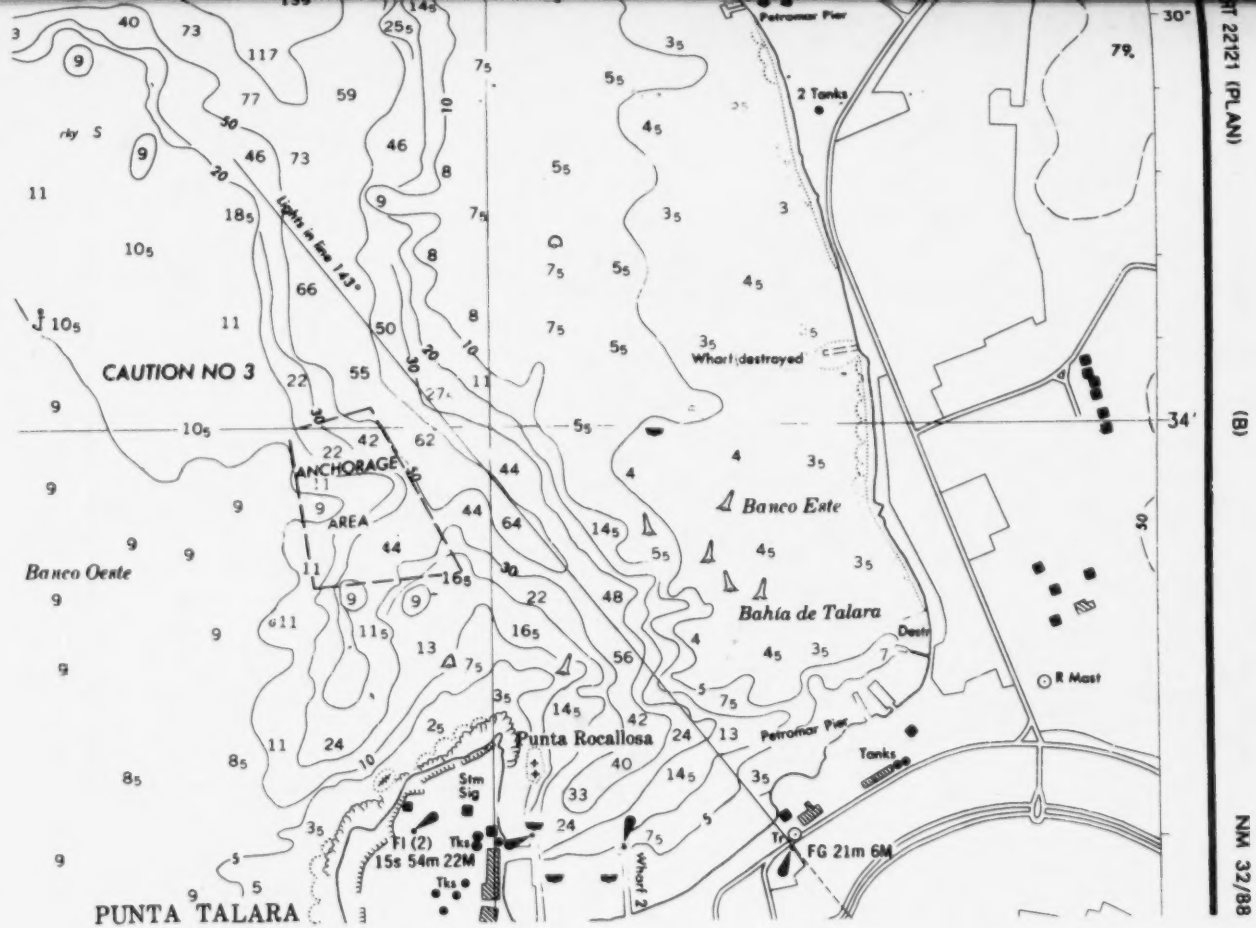
CHARTLETS
DEPTH TABS
AND NOTES



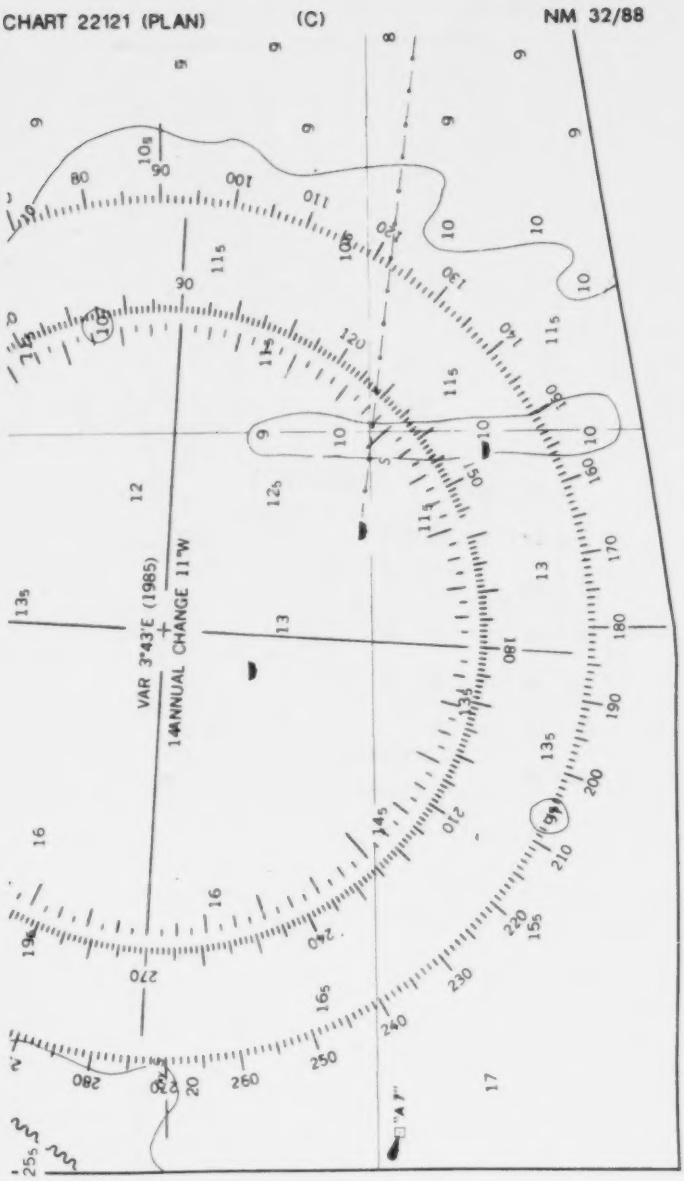
CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

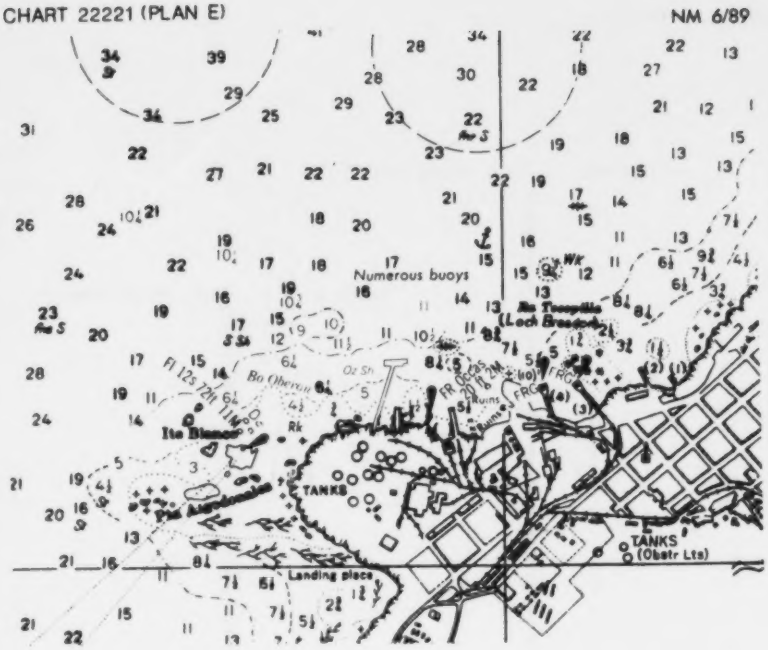


CHARTLETS
DEPTH TABS
AND NOTES

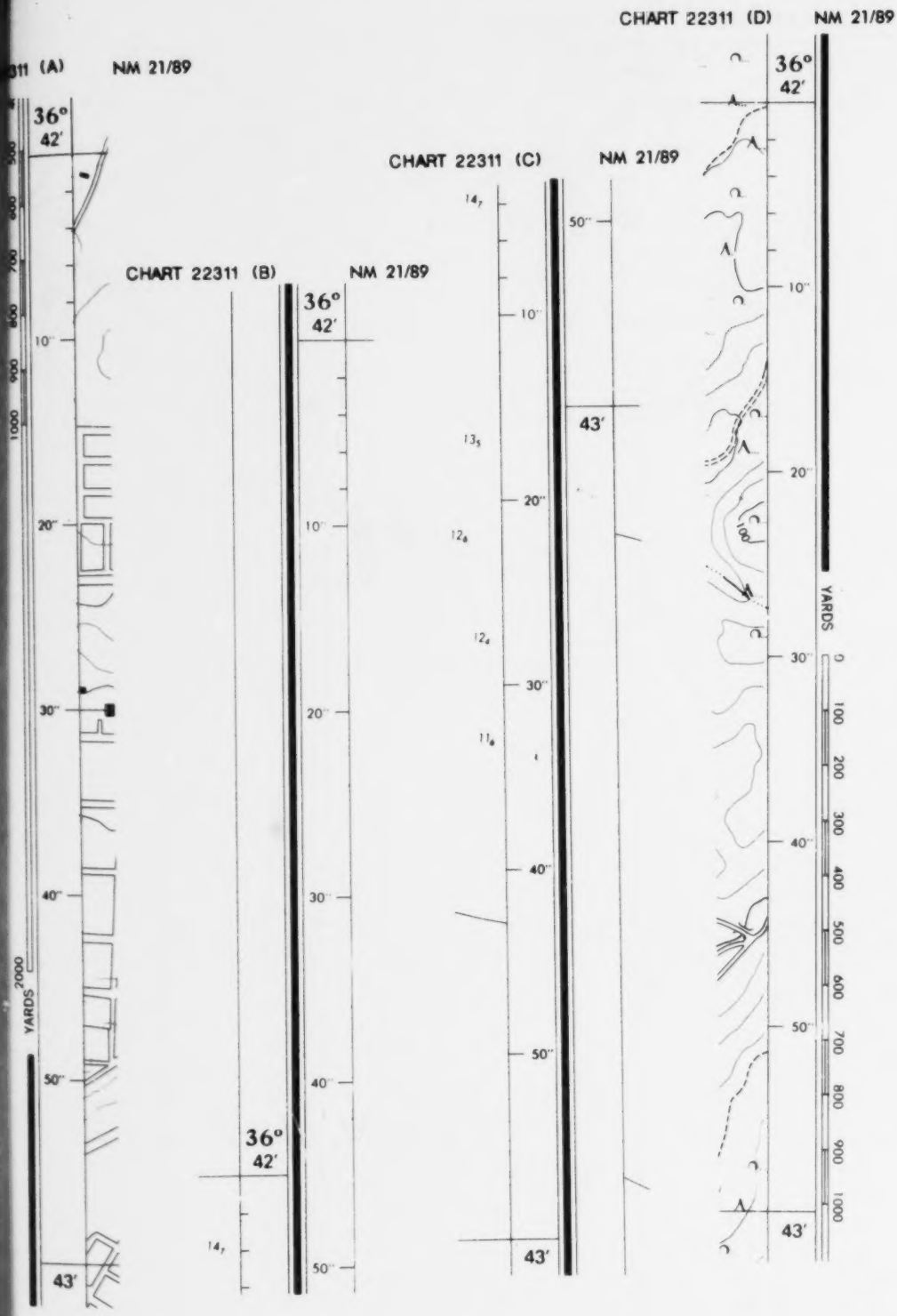
CHARTLETS
DEPTH TABS
AND NOTES

CHART 22221 (PLAN E)

NM 6/89



CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

NM 40 82

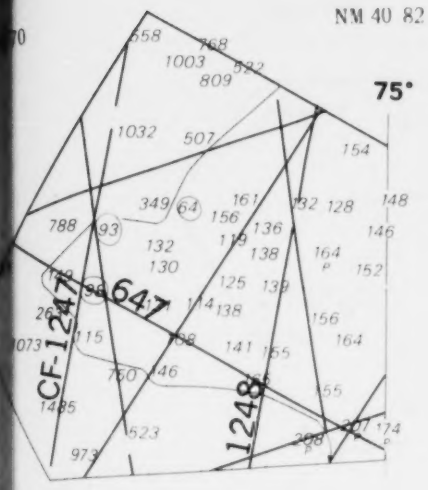
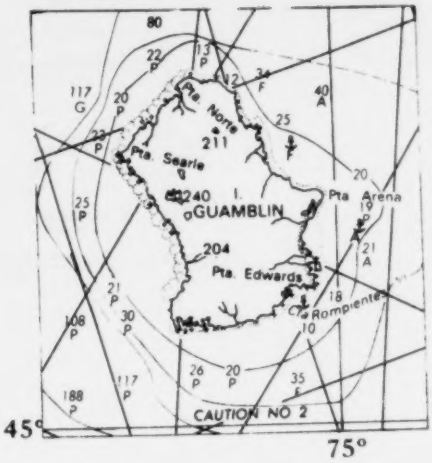


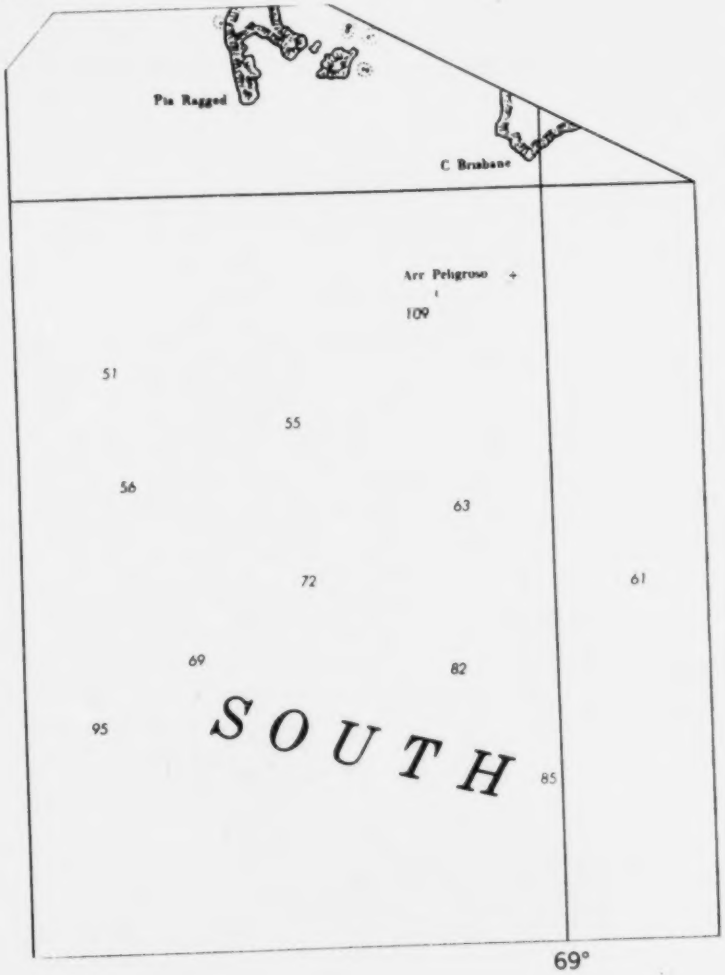
Chart 22370

NM 33/85



NM 25/86

Chart 22430



CHARTLETS
DEPTH TABS
AND NOTES

Chart 22482 NM 25/83

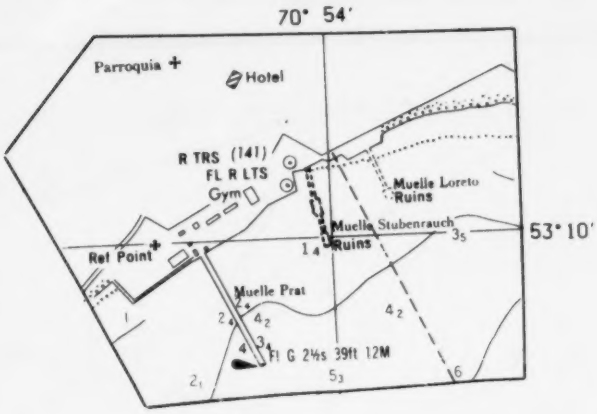
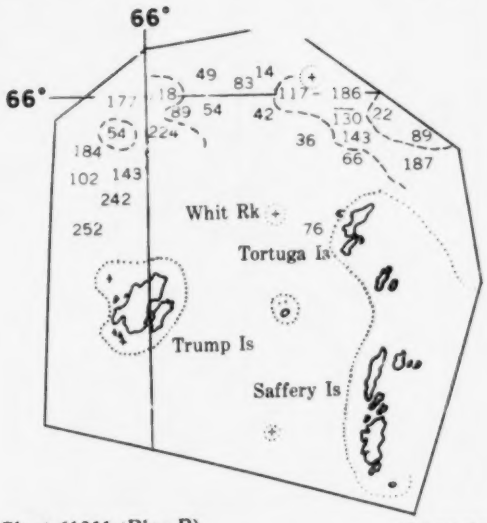
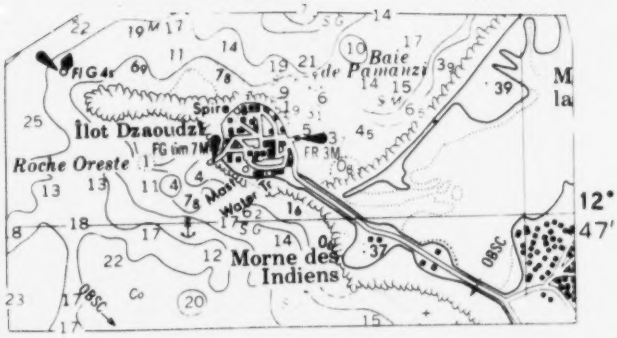


Chart 29127 NM 8/83

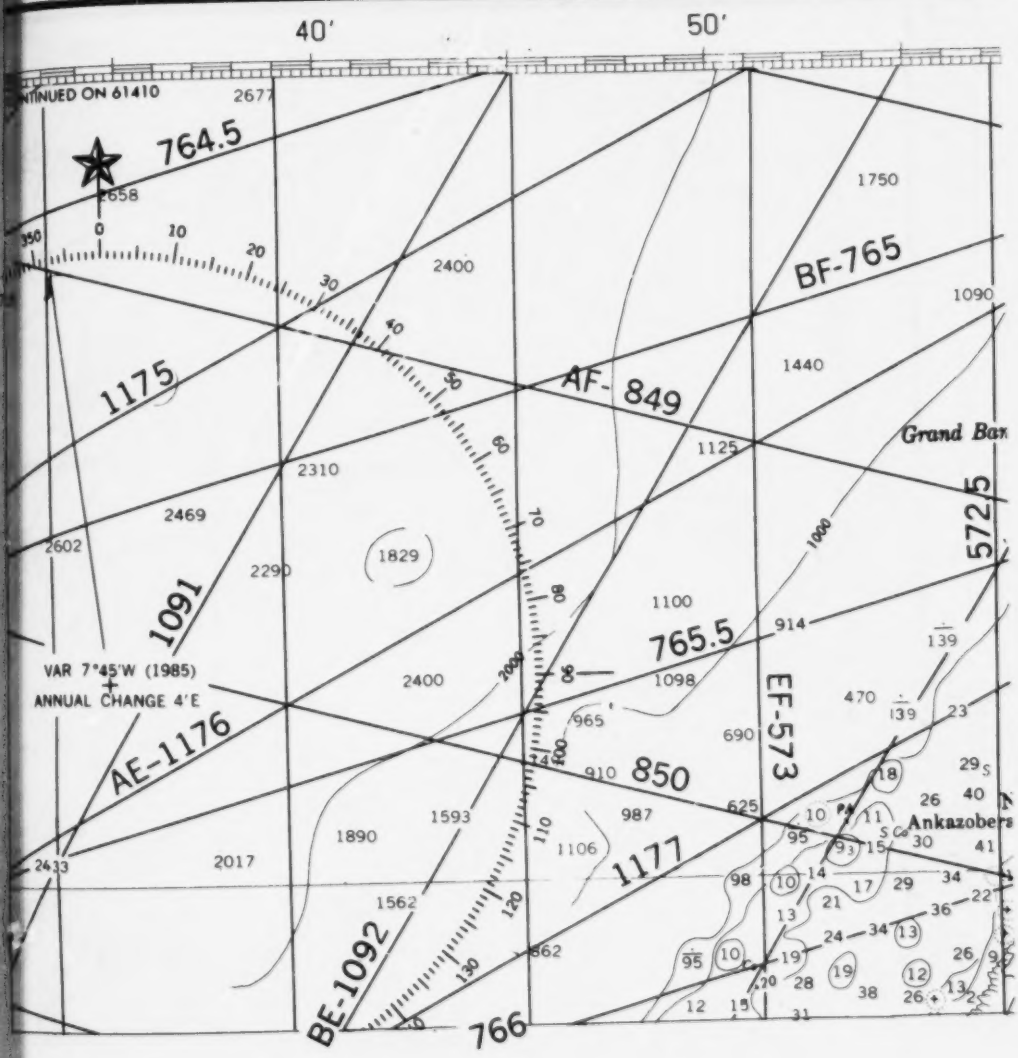


CHARTLETS
DEPTH TABS
AND NOTES

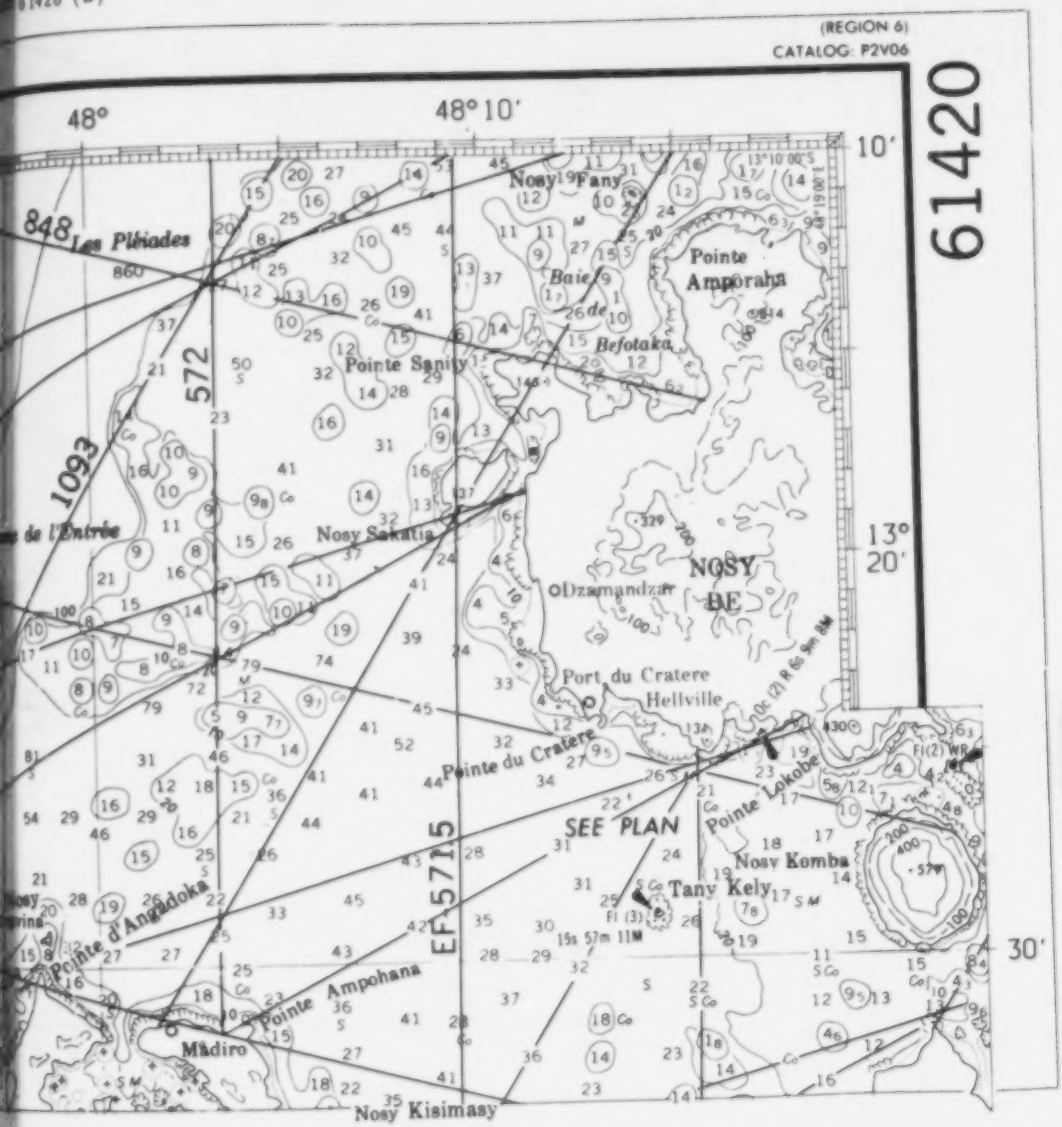
Chart 61311 (Plan B), NM 29/83



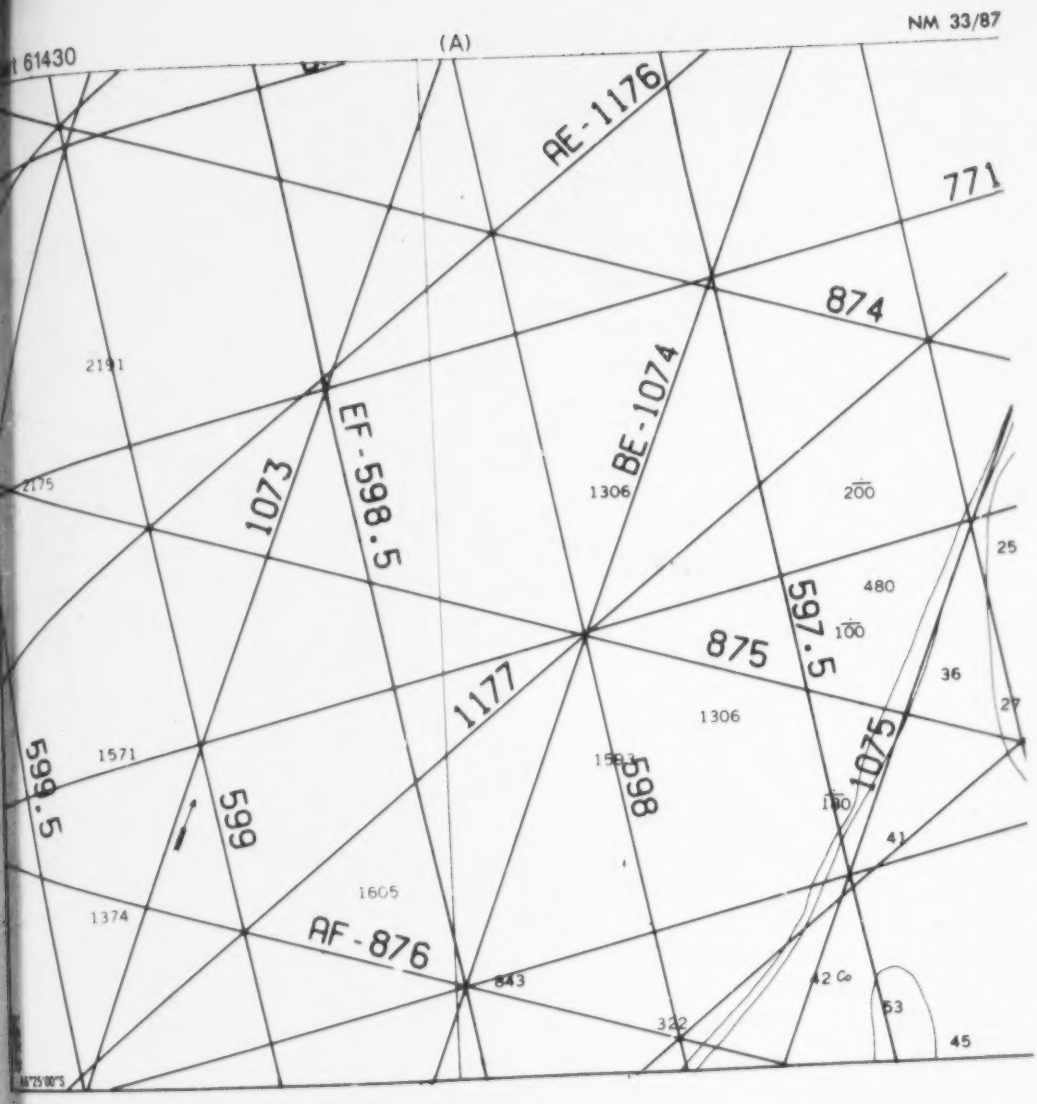
with a supplementary contour at 100 meters



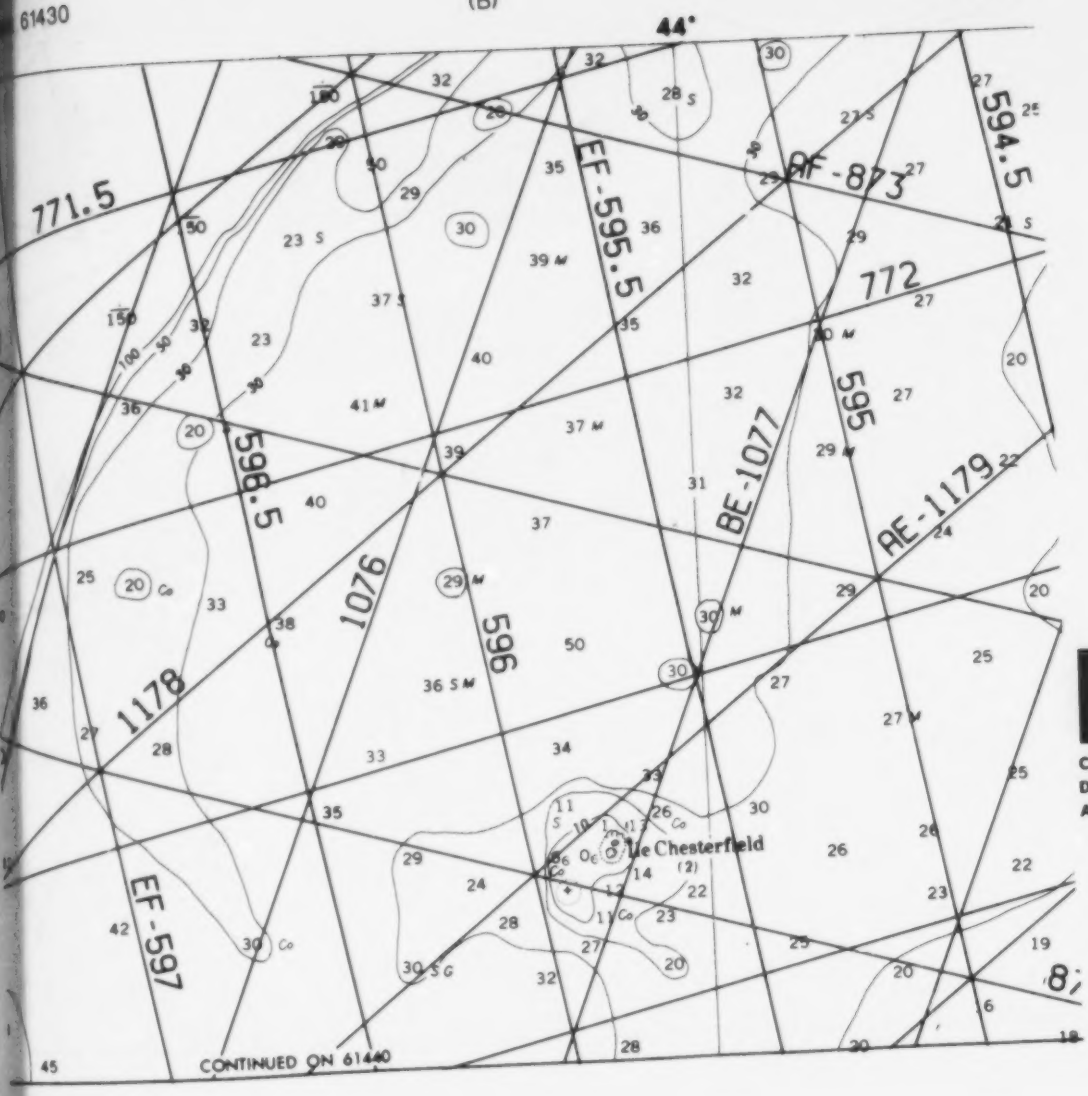
CHARTLETS
DEPTH TABS
AND NOTES



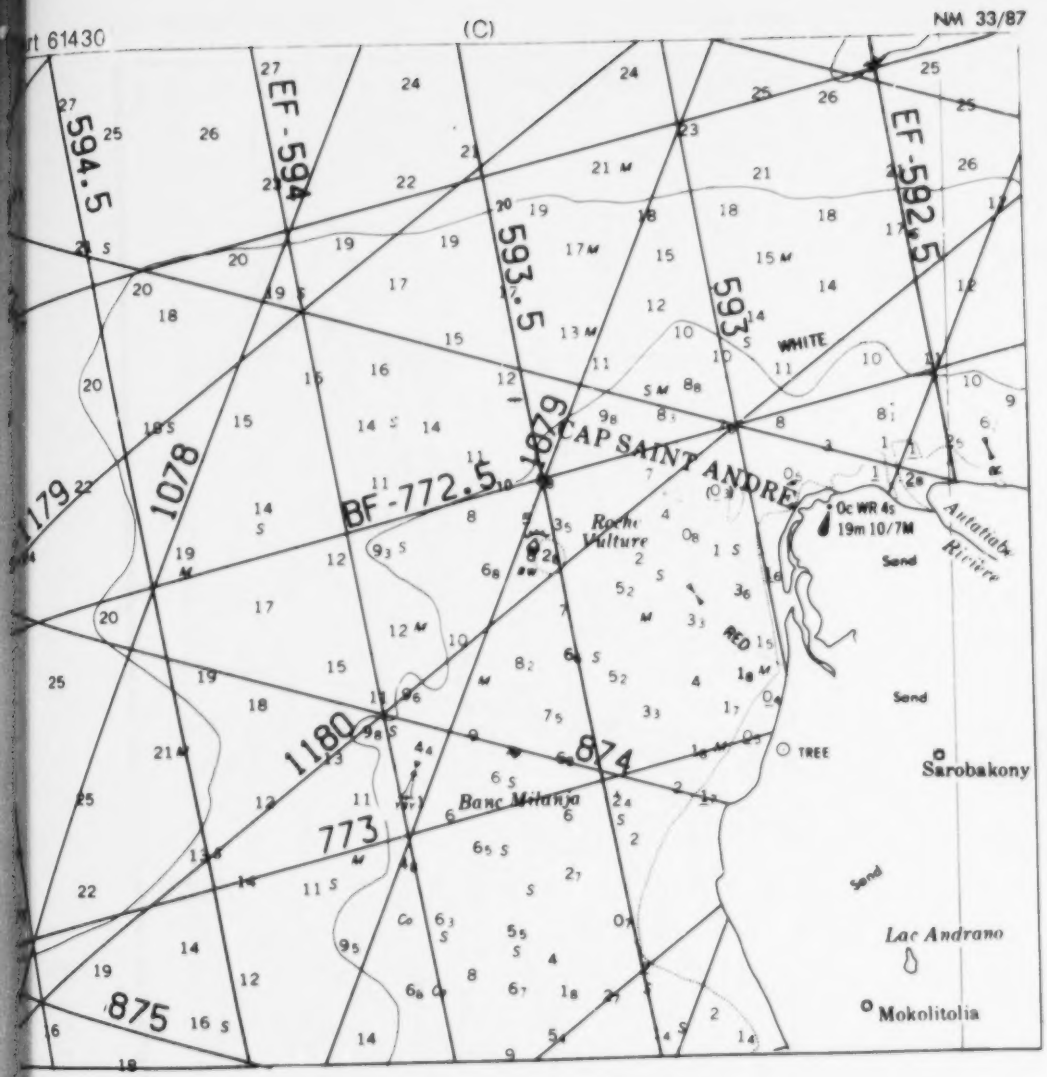
CHARTLETS DEPTH TABS AND NOTES



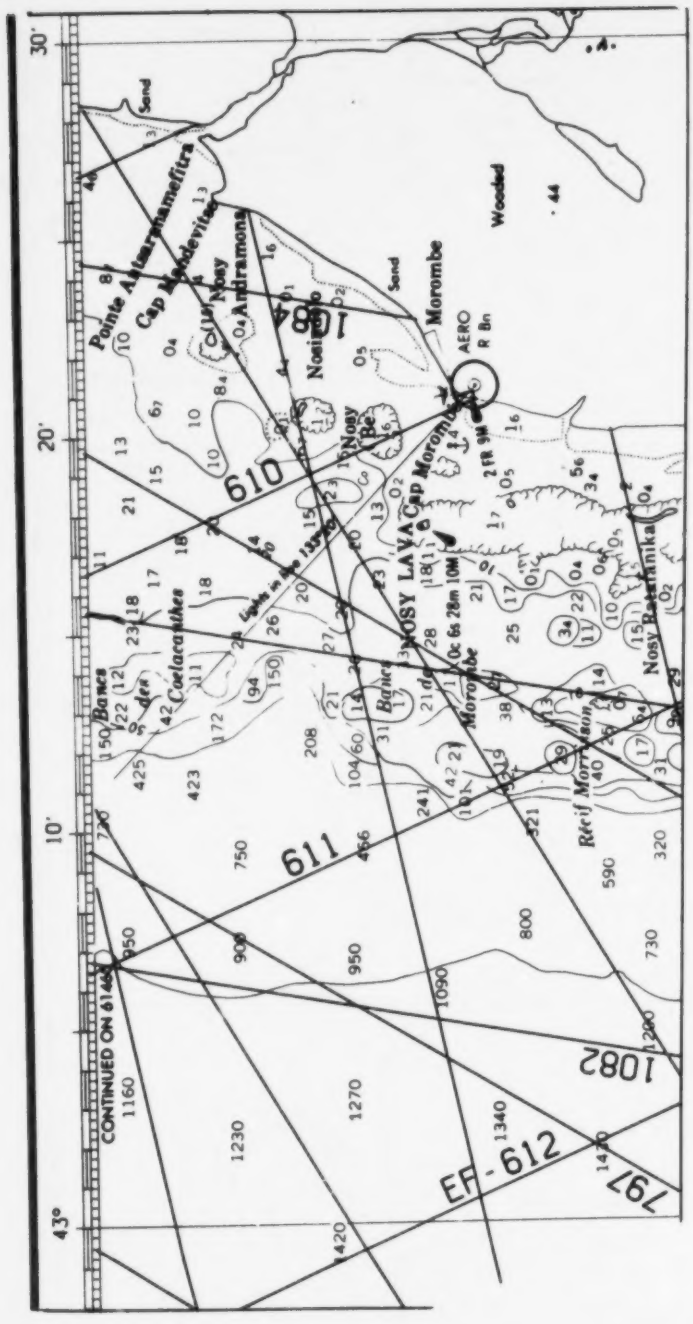
CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES



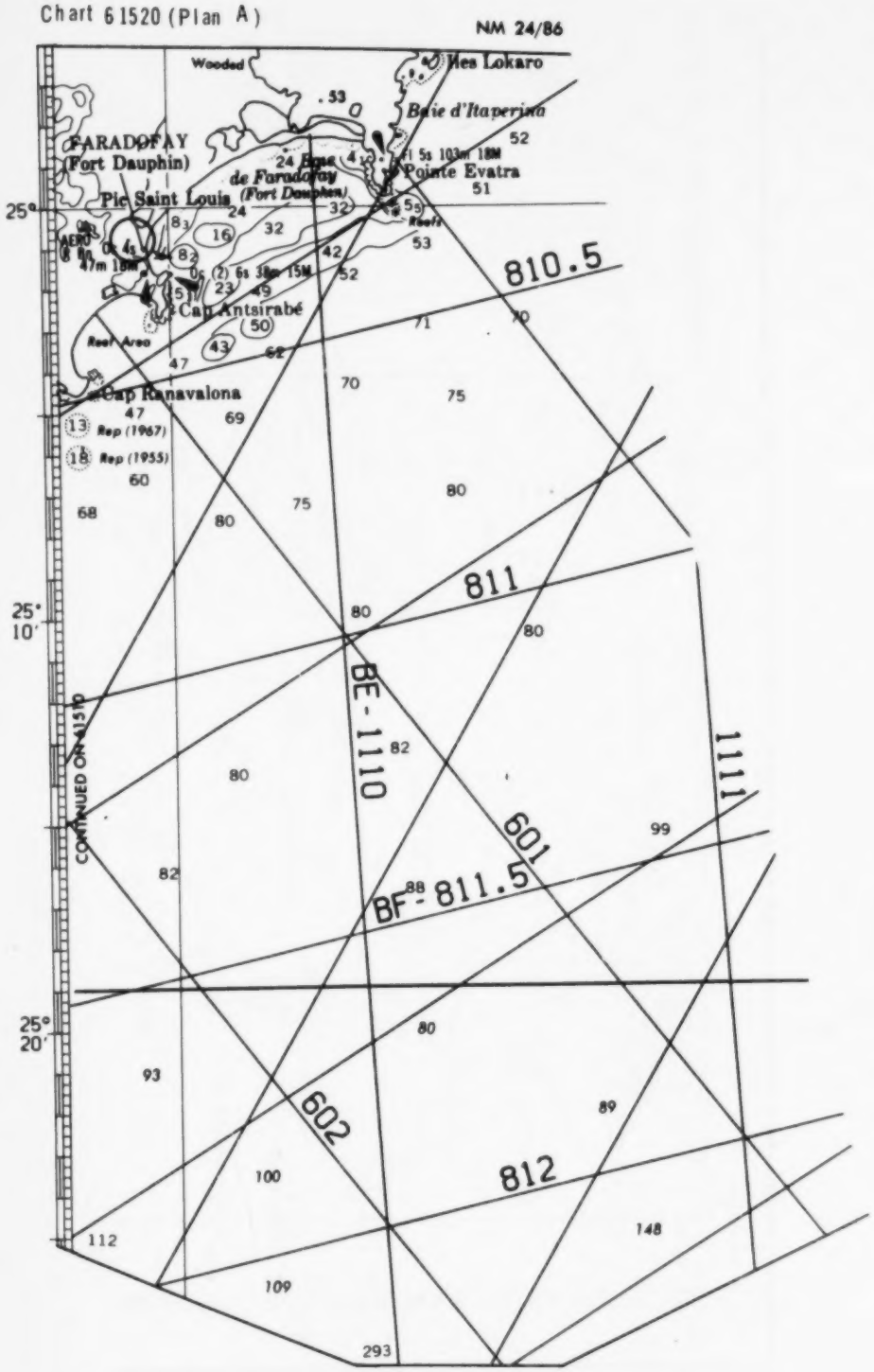
CHARTLETS
DEPTH TABS
AND NOTES



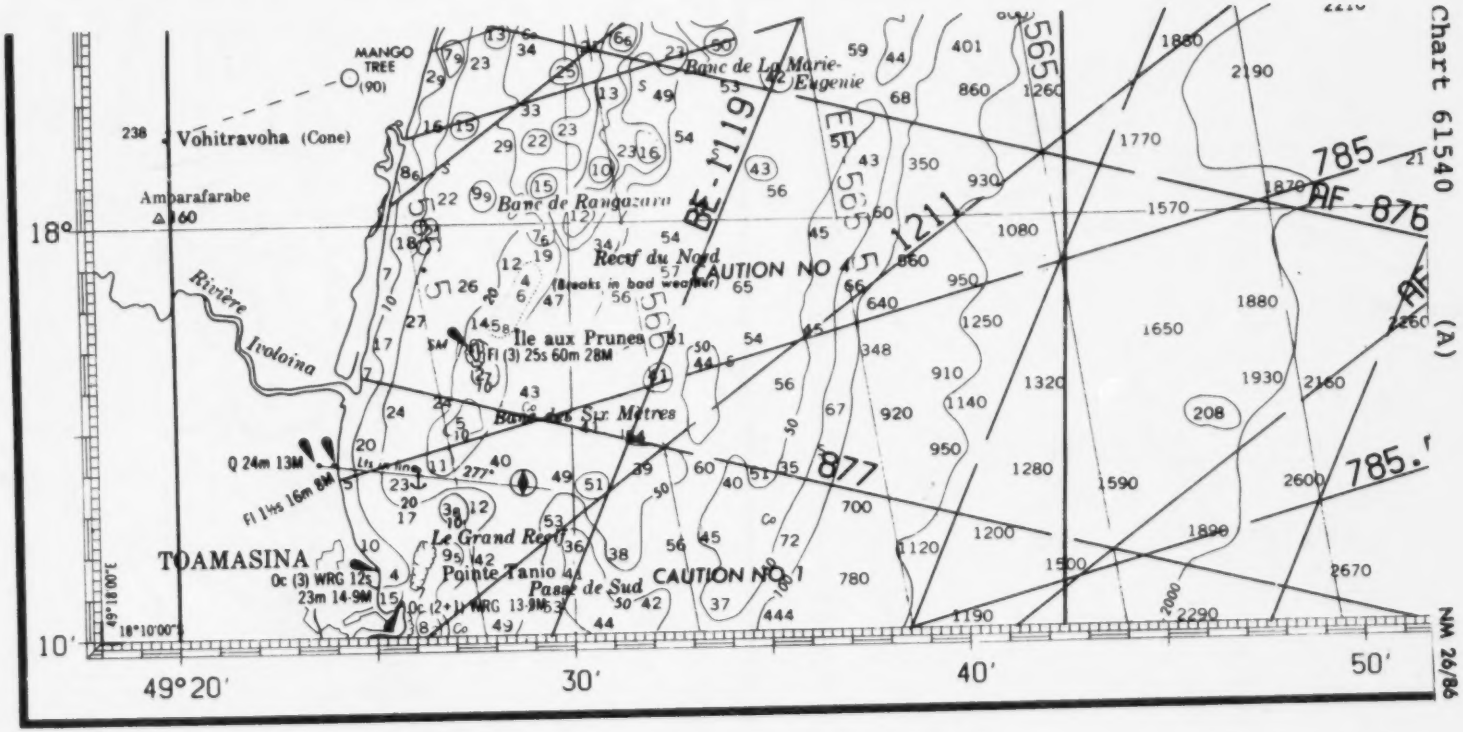
CHARTLETS
DEPTH TABS
AND NOTES

Chart 61520 (Plan A)

NM 24/86



CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

Chart 61540 (B) NM 26/86

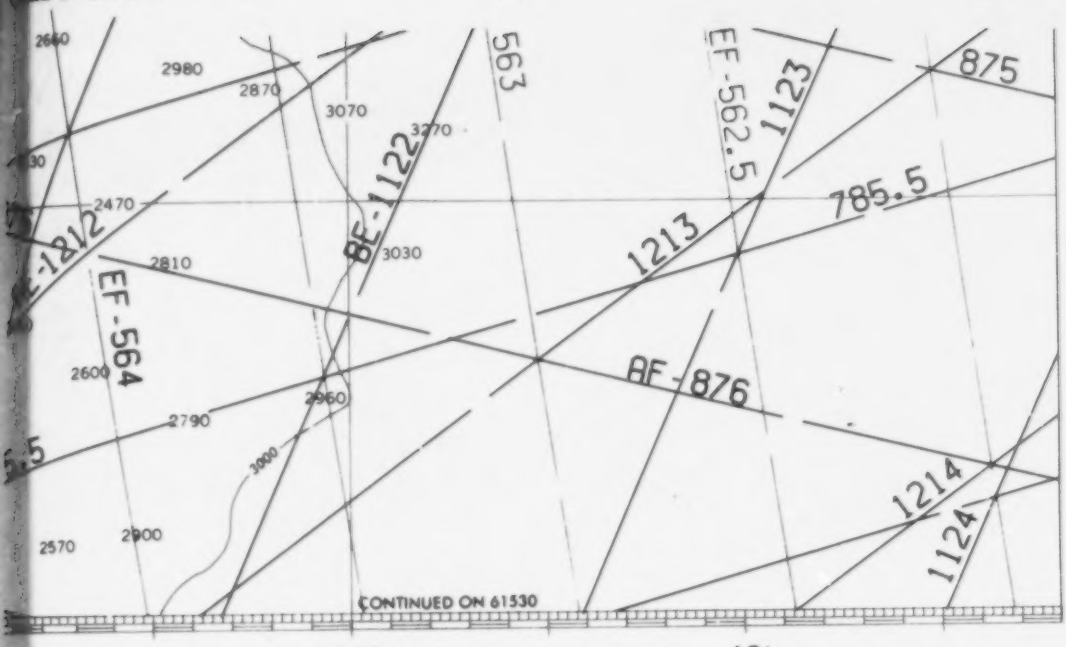
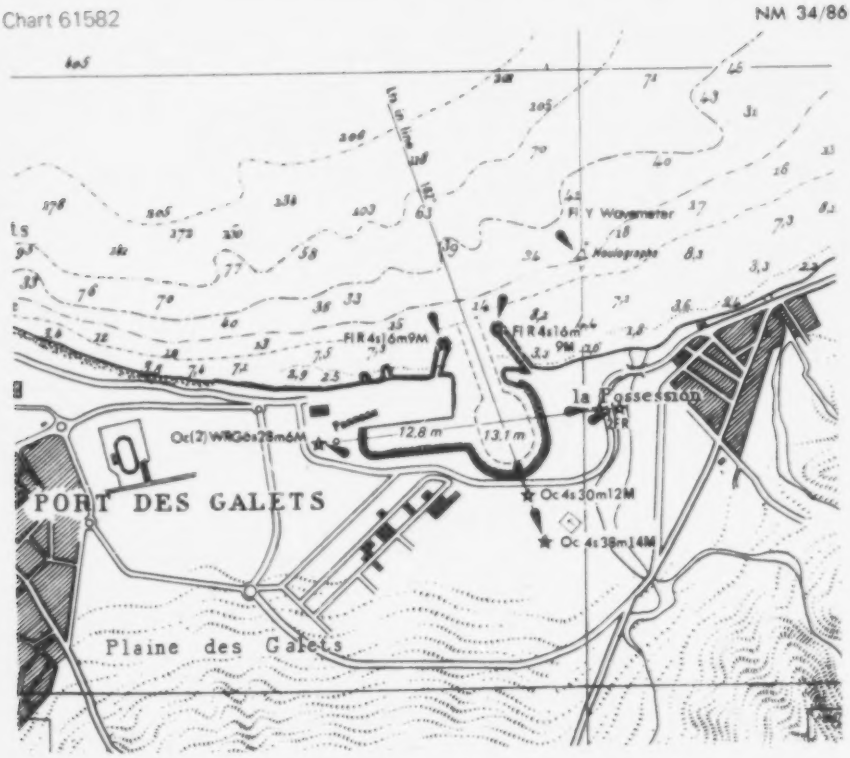


Chart 61582 NM 34/86



62121 (Plan)

NM 18/86

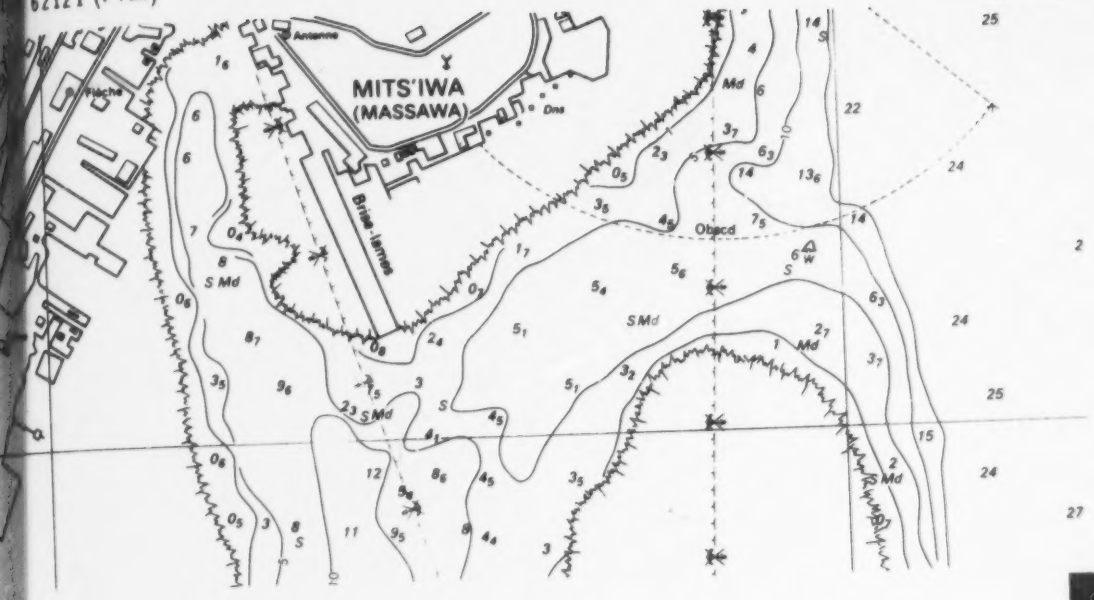


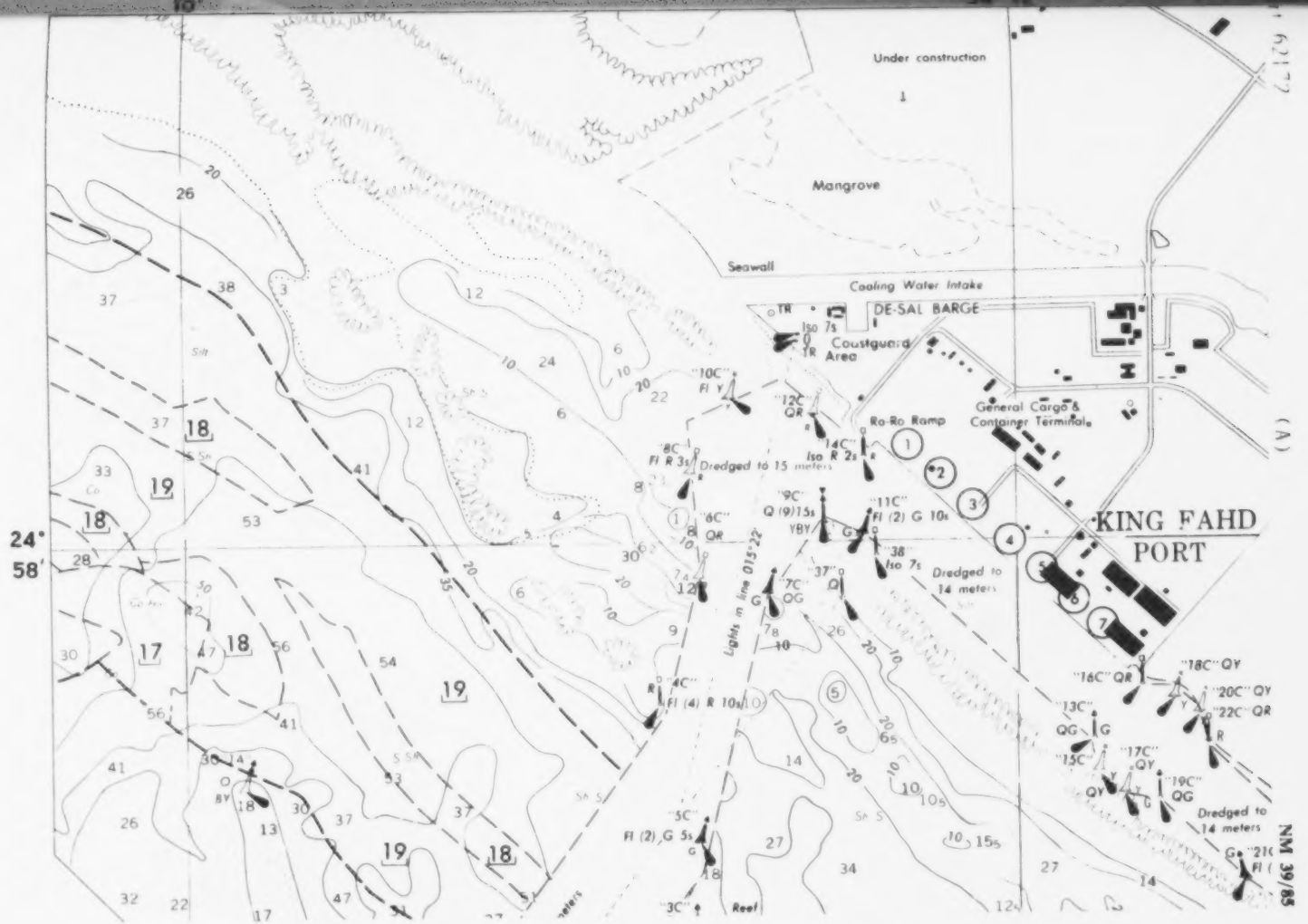
Chart 62142 (Plan)

NM 23/87

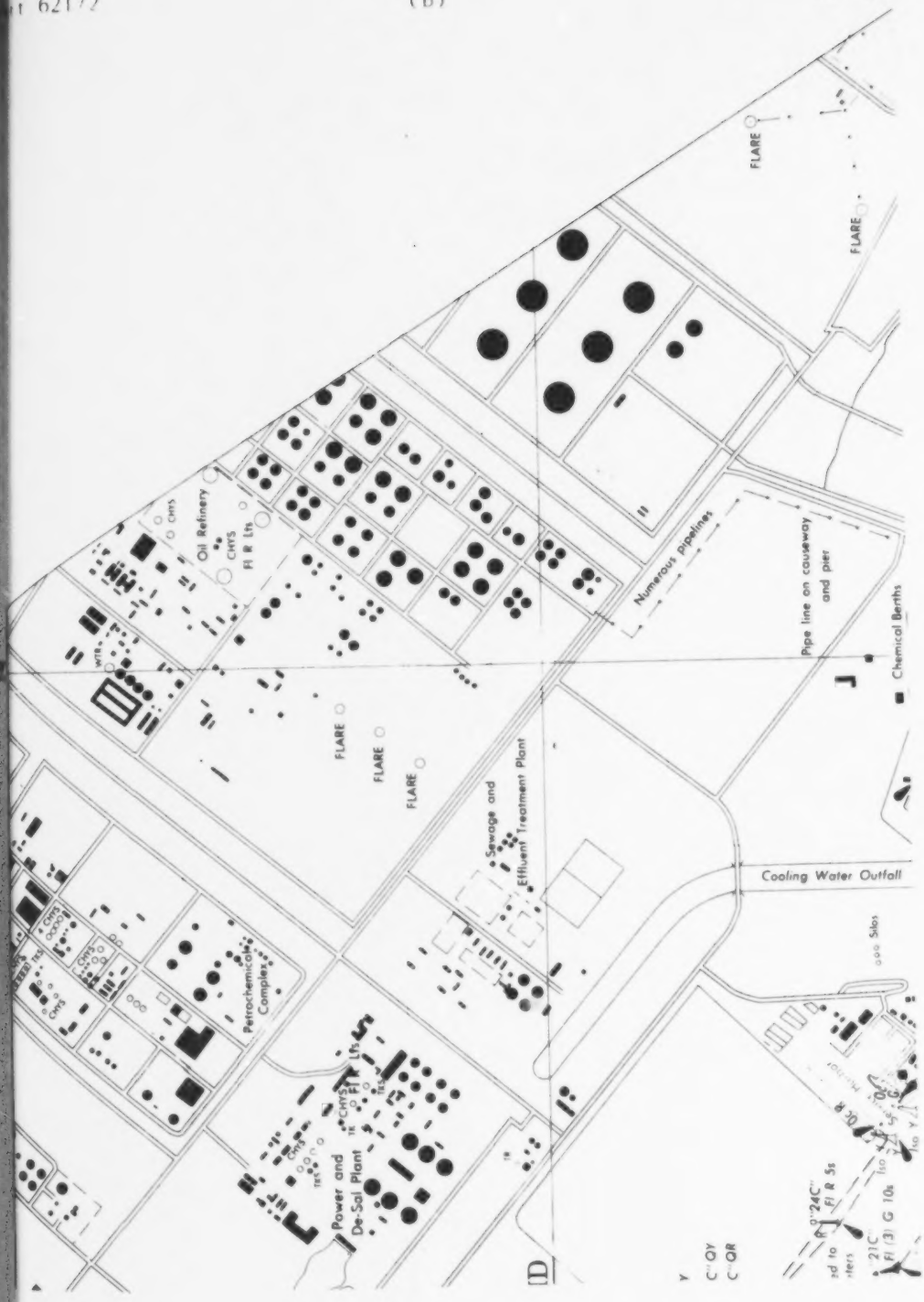
TABLE OF DEPTHS

Berth No	Depth alongside
1	8·6m
2	8·6m
3	8·6m
4	8·6m
5	8·6m
5A	10·0m
6	10·7m
7	10·7m
8	10·7m
9	10·7m
11	8·7m
15	10·7m
16	10·7m
17	12·2m
18	12·2m
Ro Ro Terminal	10·7m

CHARTLETS
DEPTH TABS
AND NOTES

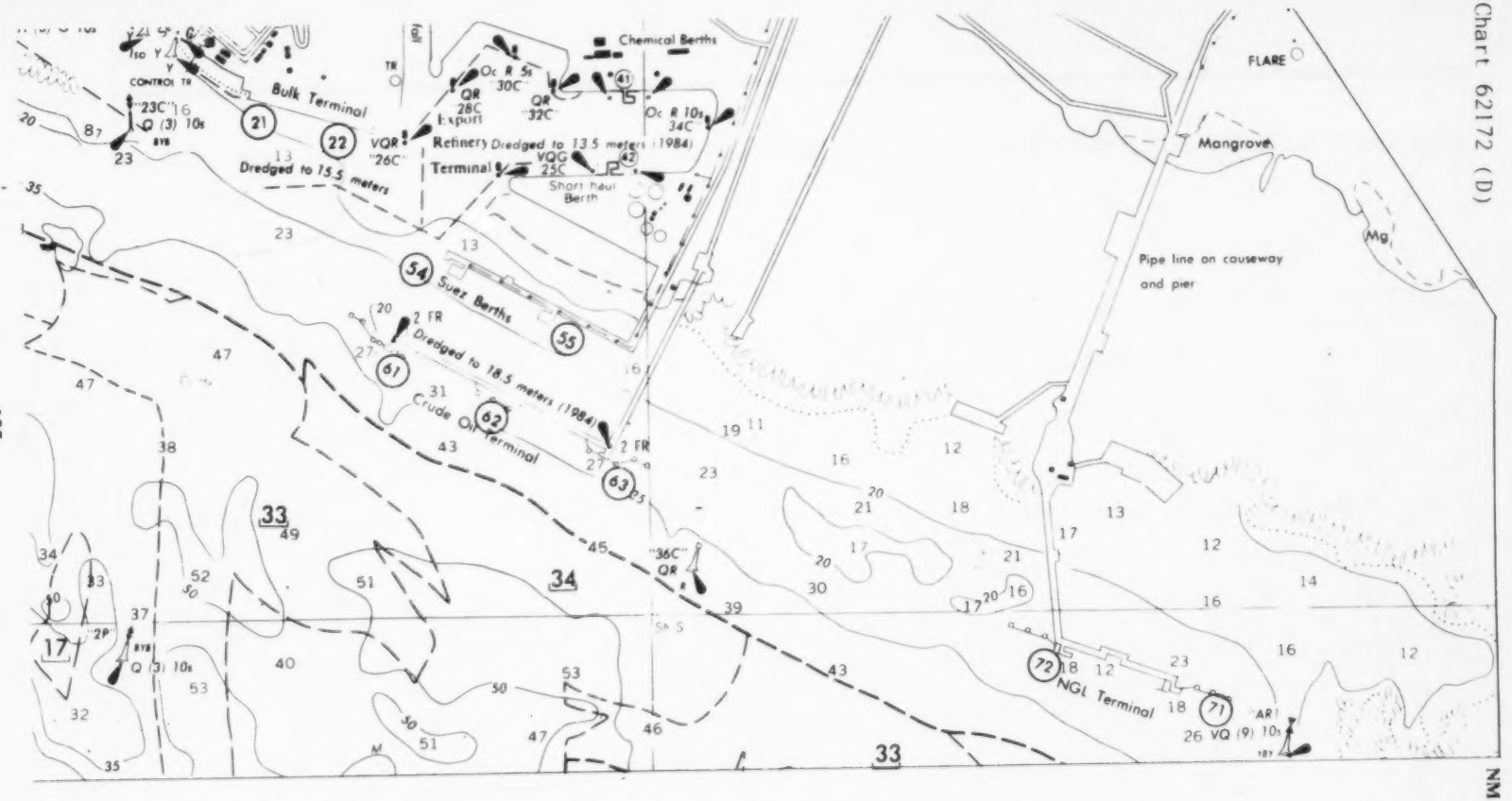


CHARTLETS DEPTH TABS AND NOTES

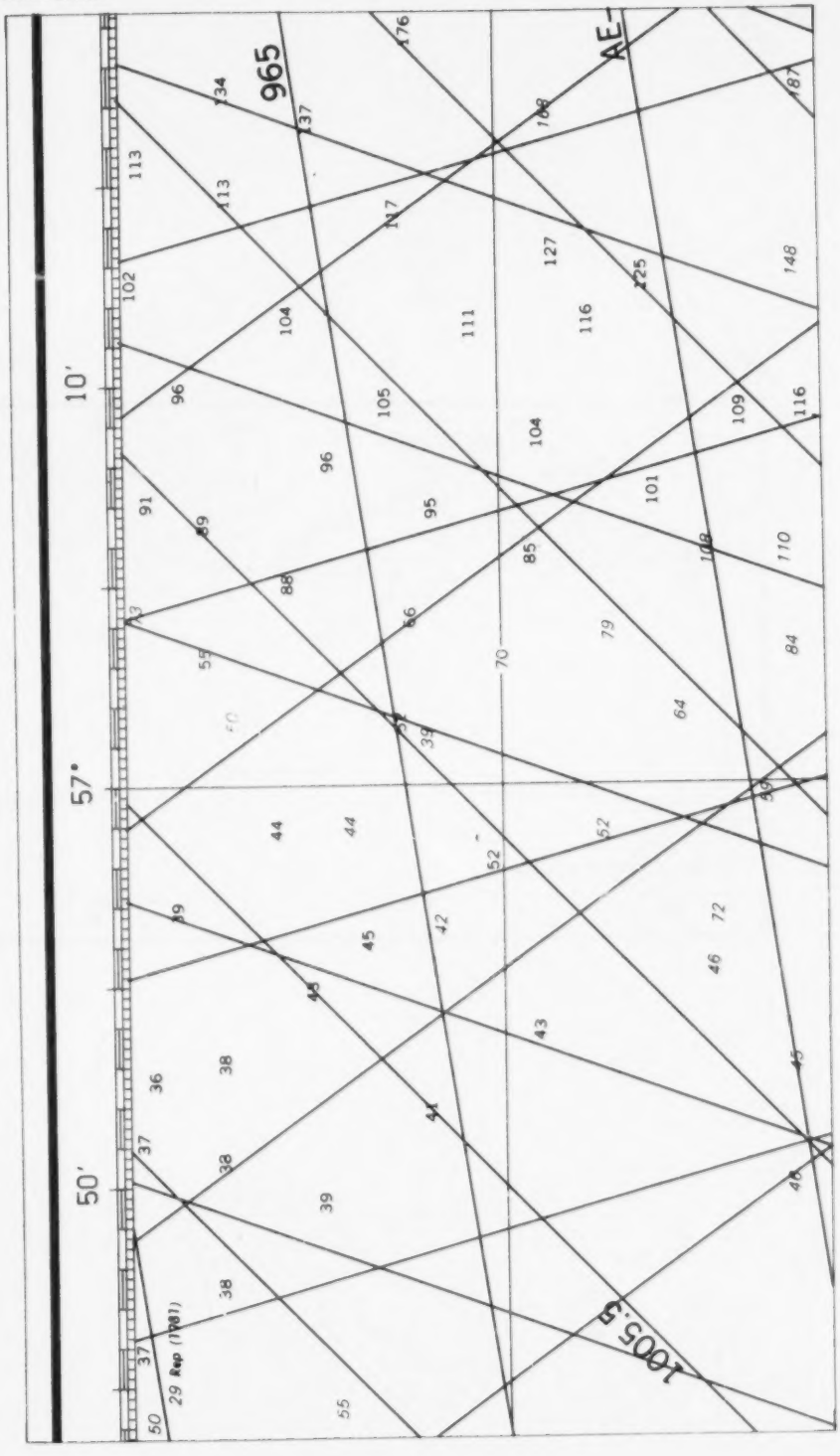


CHARTLETS
DEPTH TABS
AND NOTES

CHARTLETS
DEPTH TABS
AND NOTES



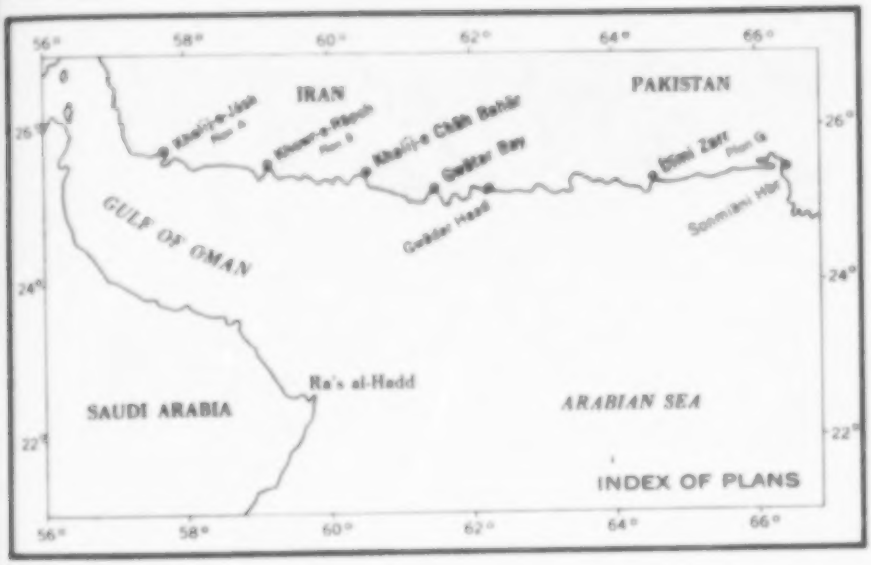
CHARTLETS
DEPTH TABS
AND NOTES



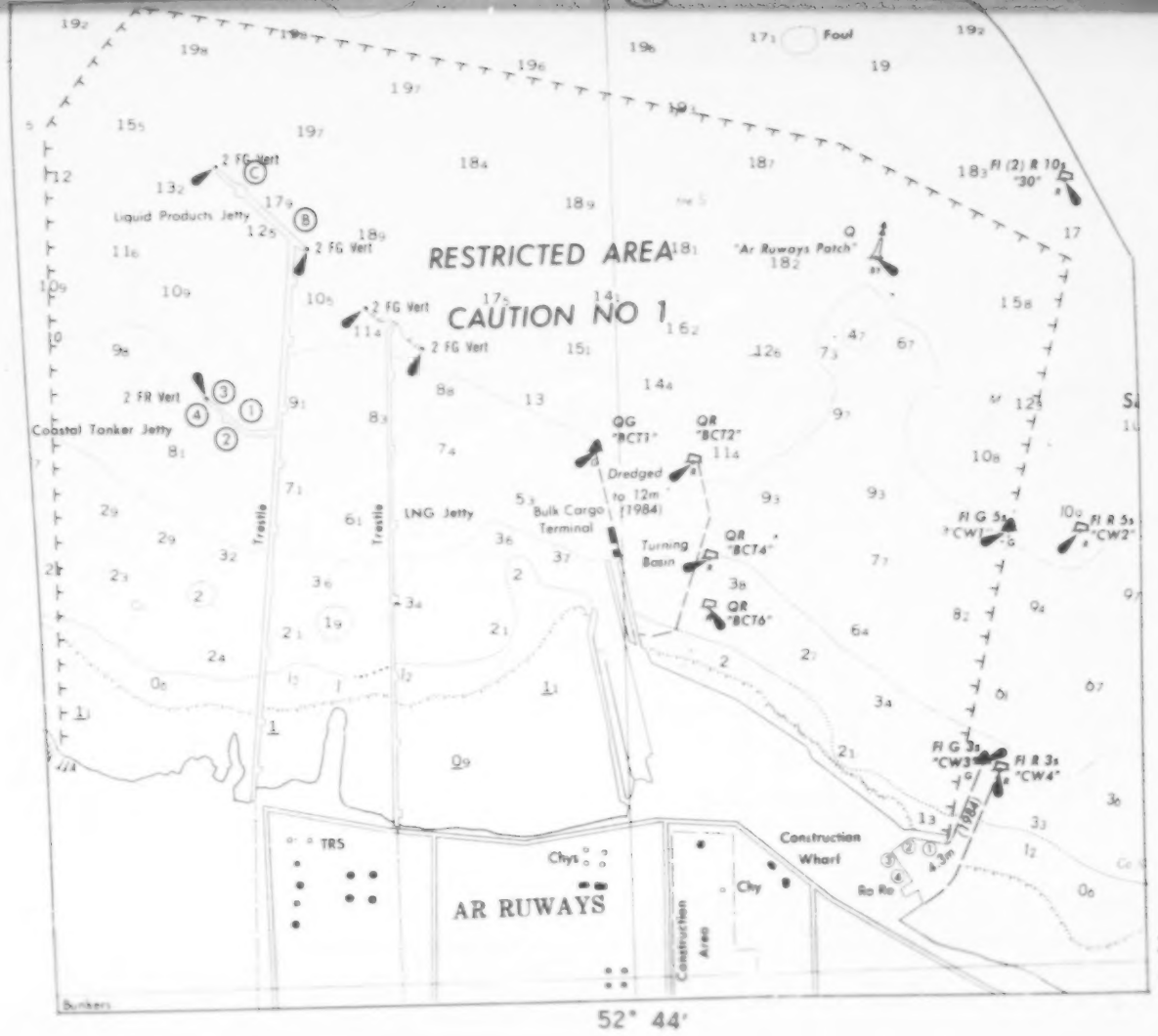
CHARTLETS
DEPTH TABS
AND NOTES

CHART 62391

NM 31/88



CHARTLETS
DEPTH TABS
AND NOTES



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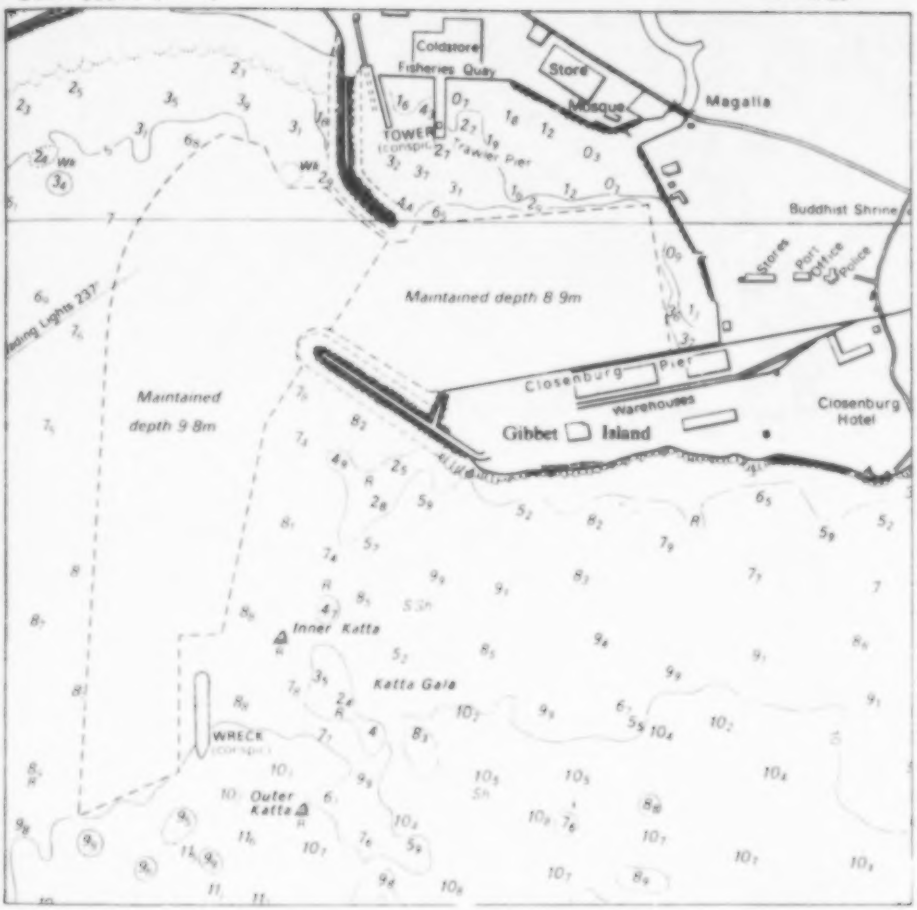
CHARTLETS DEPTH TABS AND NOTES

Chart 63234 (Plan) NM 8/85

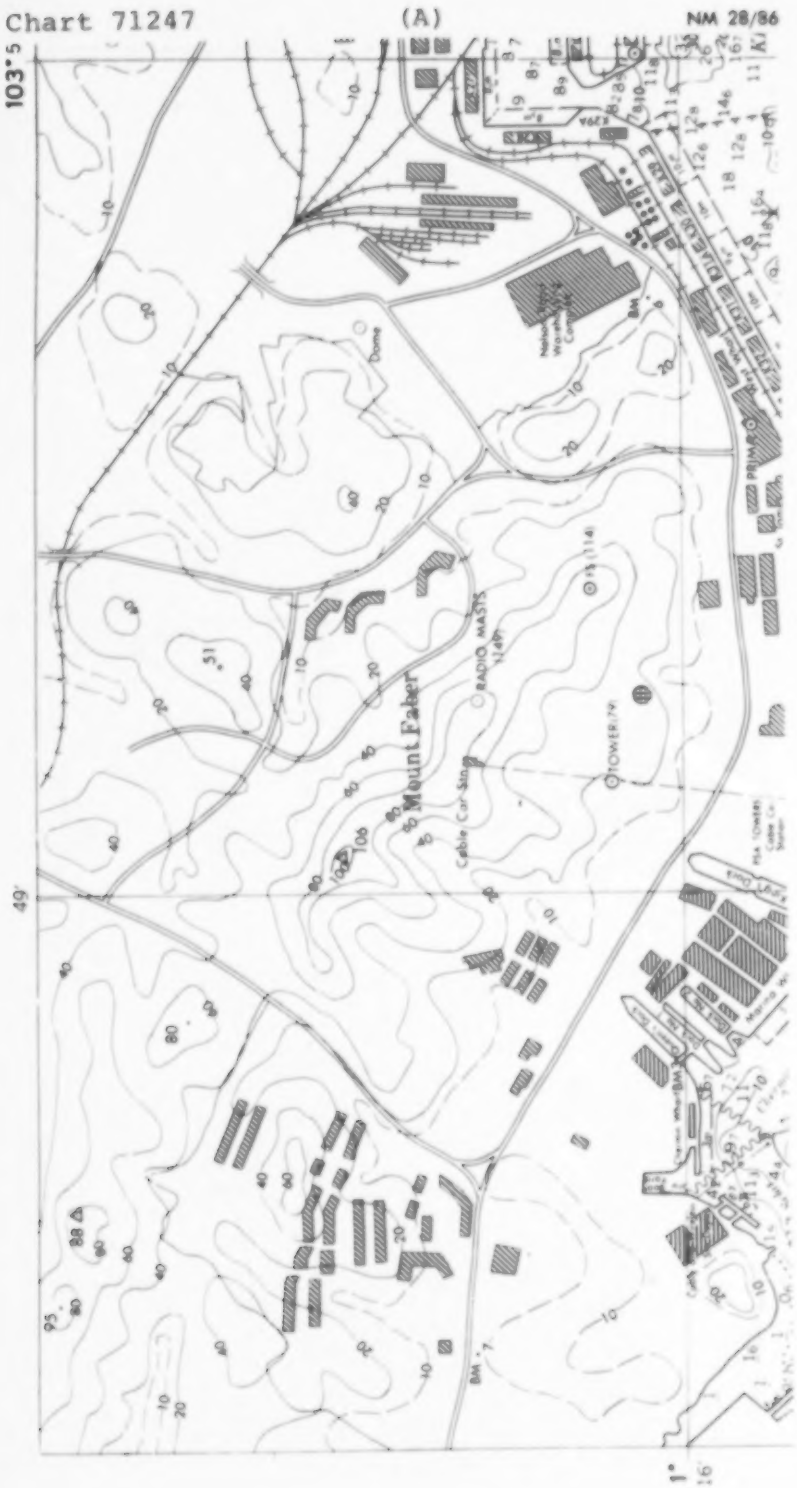


CHARTLETS DEPTH TABS AND NOTES

Chart 63424 (Plan B) NM 31/87

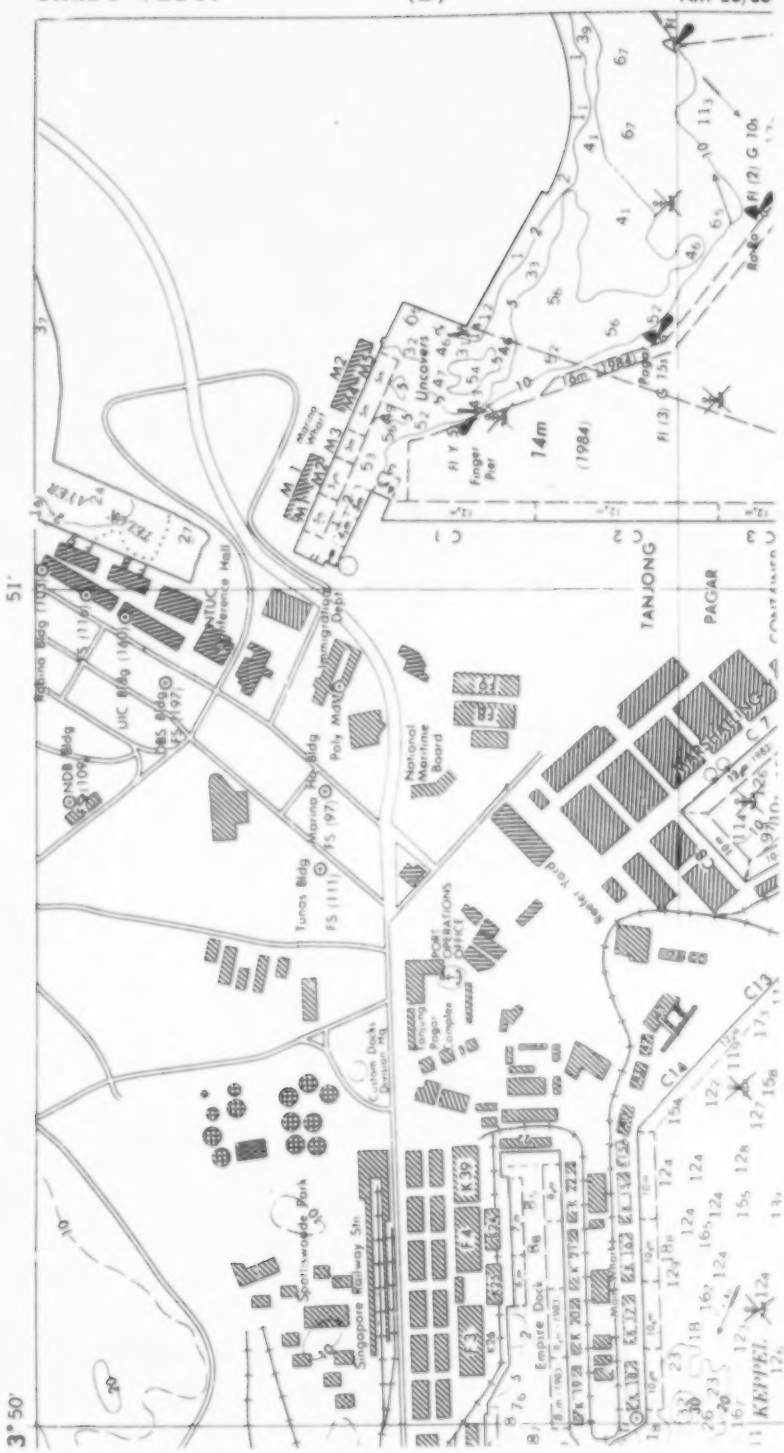
TIDAL INFORMATION

Place	Height above datum of soundings			
	Mean High Water		Mean Low Water	
	Springs	Neaps	Neaps	Springs
	meters	meters	meters	meters
Kyaikkami (Amherst)	6.1	4.3	1.9	0.0
Feronia Crossing	5.5	3.8	1.6	0.0
Moulmein	4.2	2.5	0.5	0.6

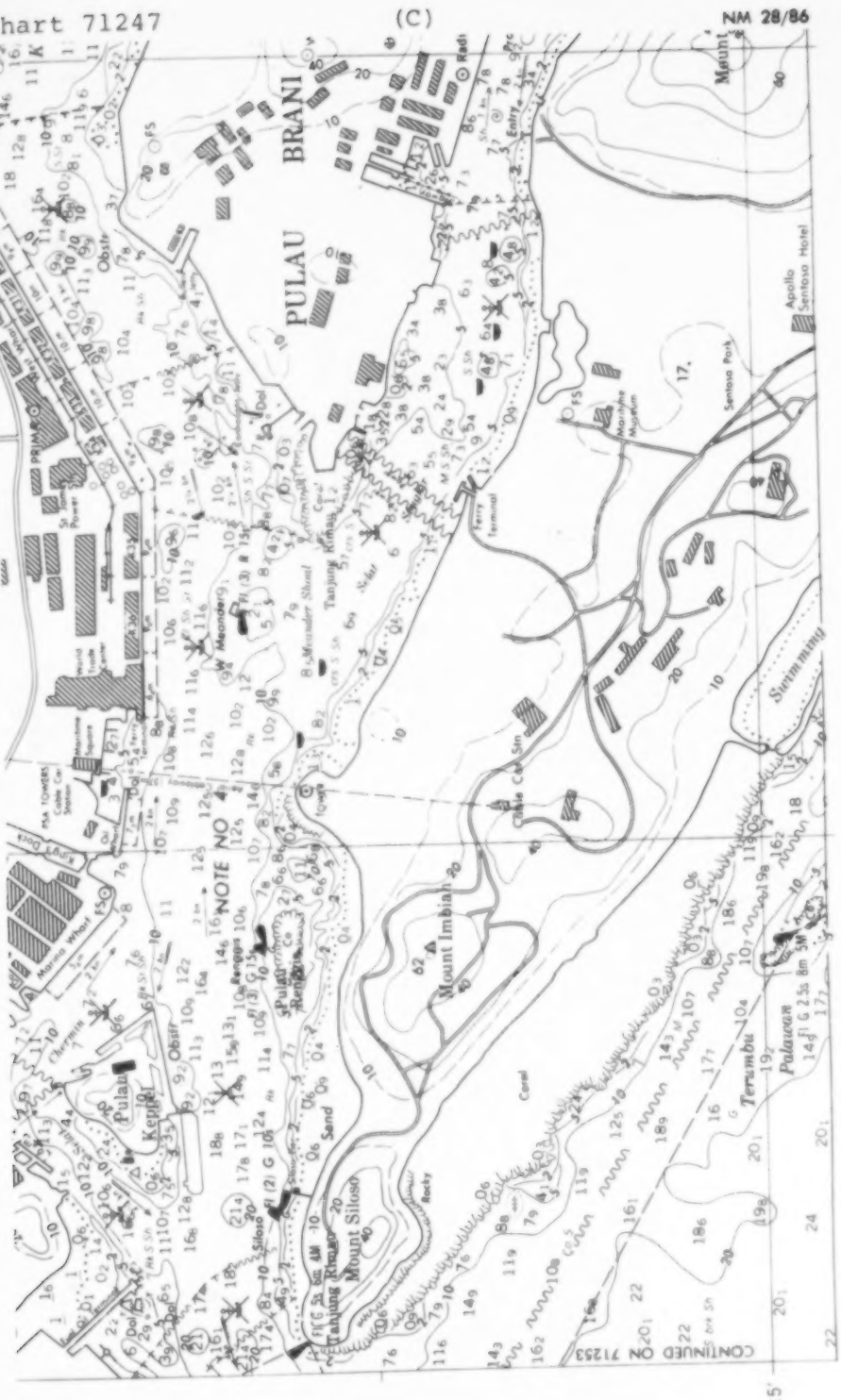


CHARTLETS
DEPTH TABS
AND NOTES

Chart 71247 (B) NM 28/86



CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

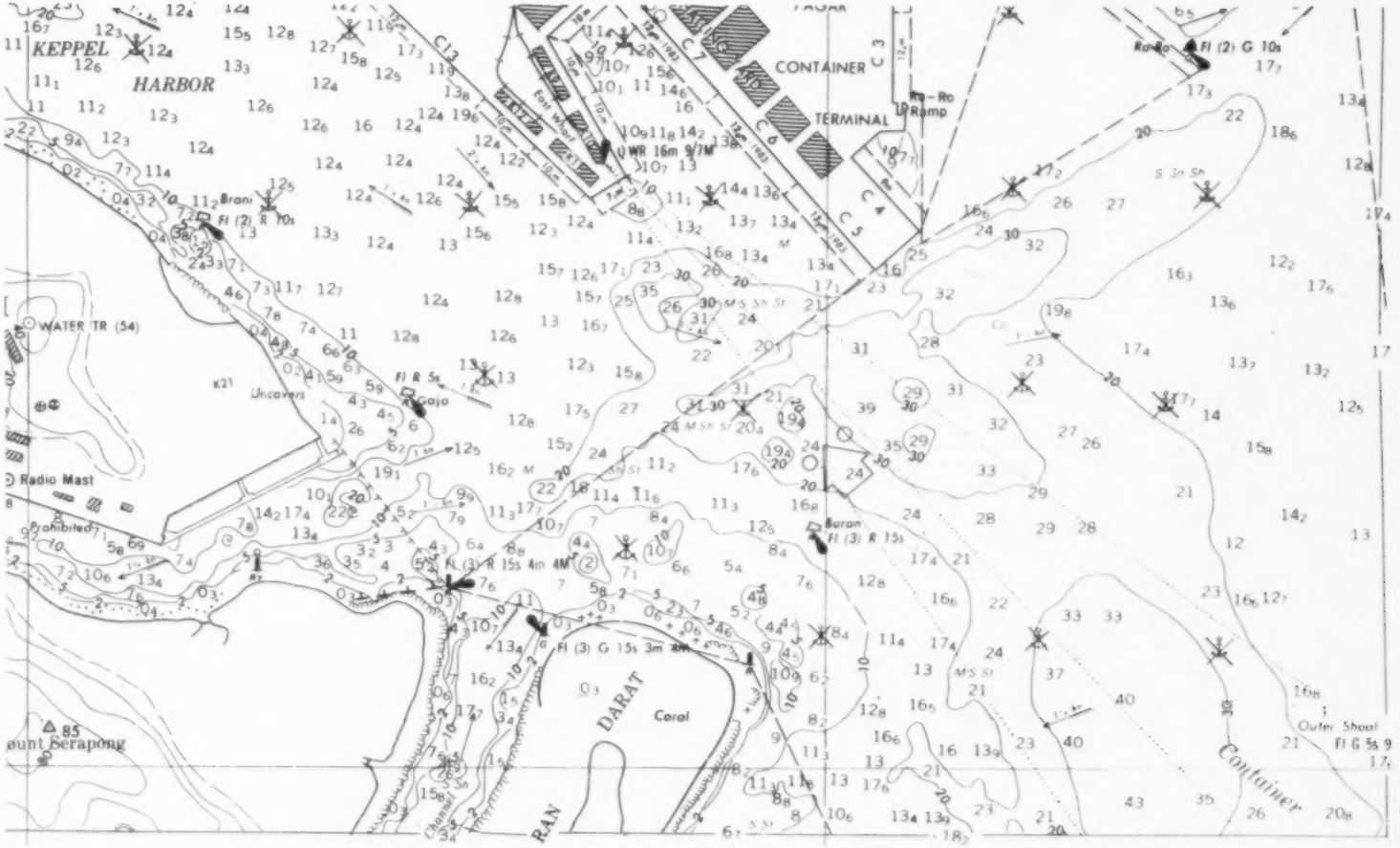
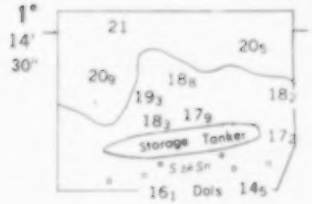


Chart 71247 (D)

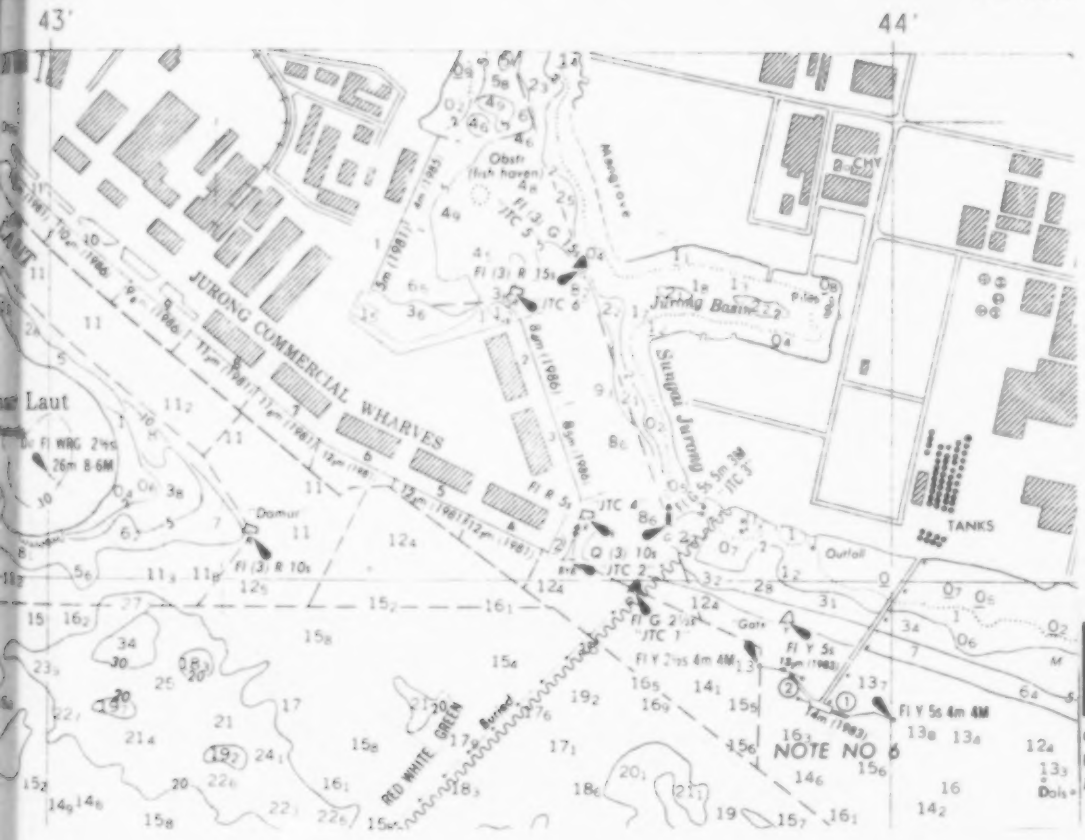
NM 28/86

CHARTLETS
DEPTH TABS
AND NOTES

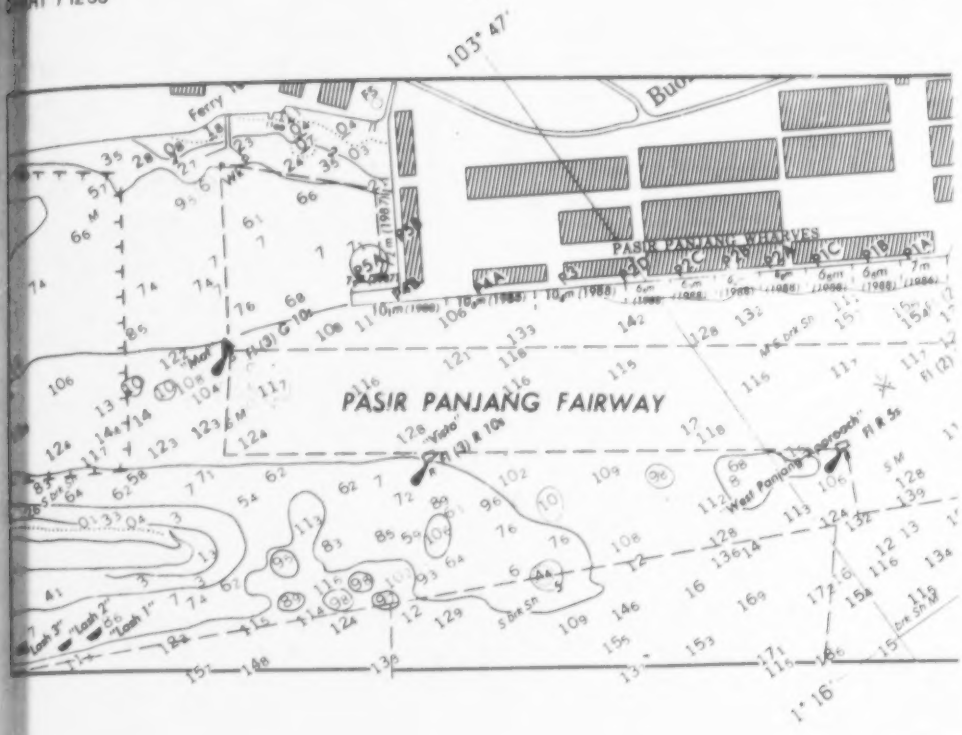
Chart 71253 NM 25/86

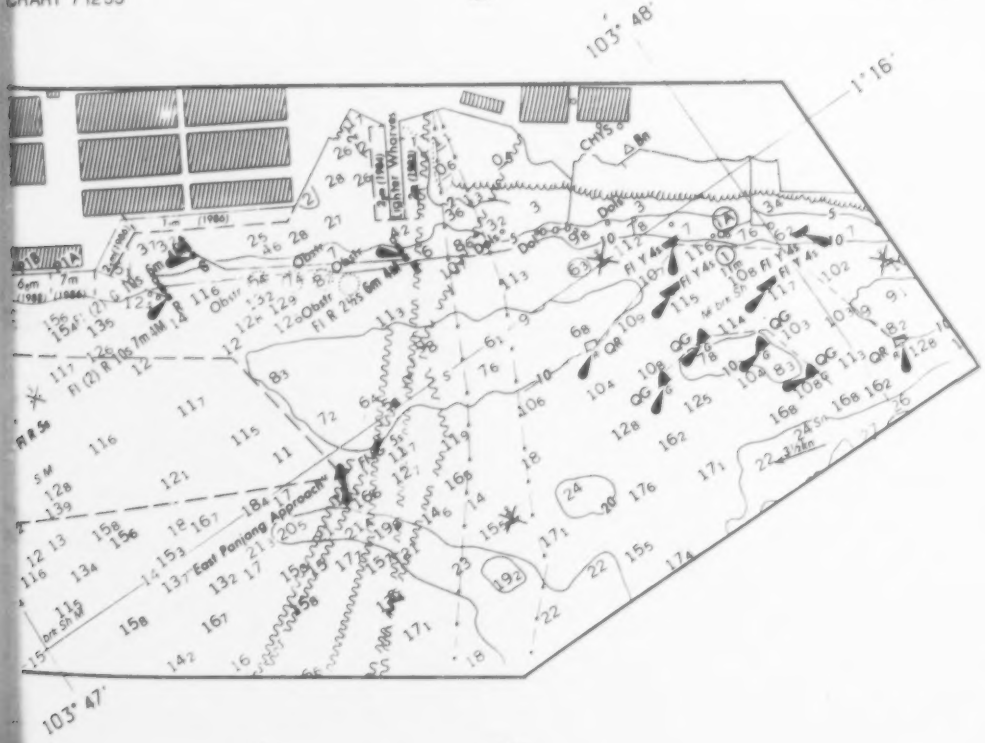


71253 NM 51/86



CHARTLETS
DEPTH TABS
AND NOTES

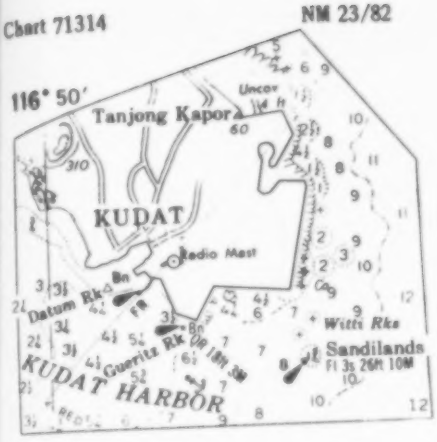




CHARTLETS
DEPTH TABS
AND NOTES

Chart 71314

NM 23/82



NOTE

Waters within 20 miles of the south side of the former Portuguese Section of Timor are prohibited to all non-Indonesian vessels. See NM 1(15)79.

Chart 73006 NM 48/79

NOTE

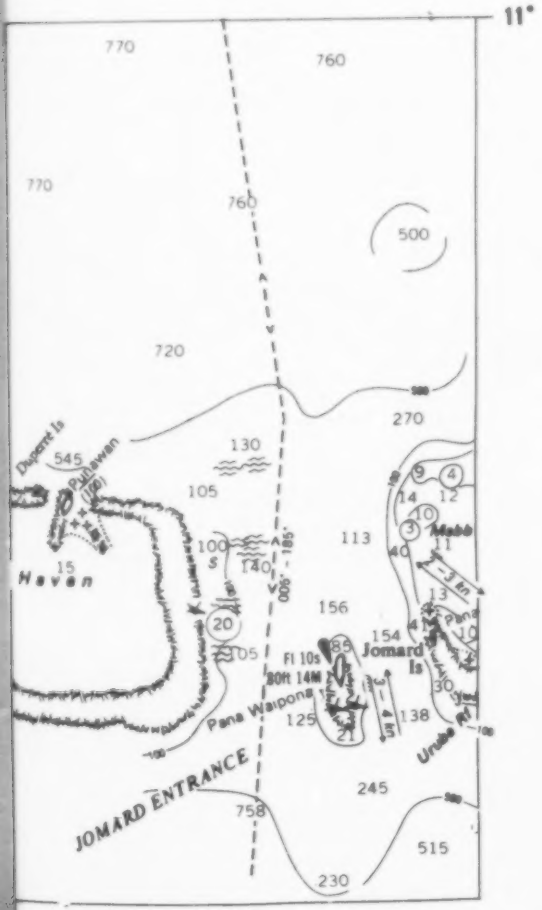
Waters within 20 miles of the south side of the former Portuguese Section of Timor are prohibited to all non-Indonesian vessels. See NM 1(15)79.

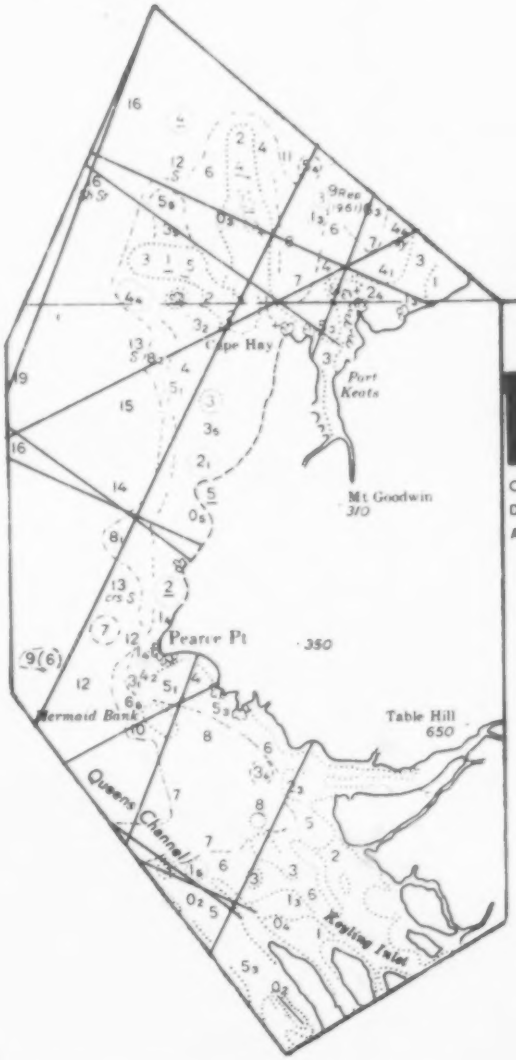
Chart 73081 NM 48/79

Chart 74012

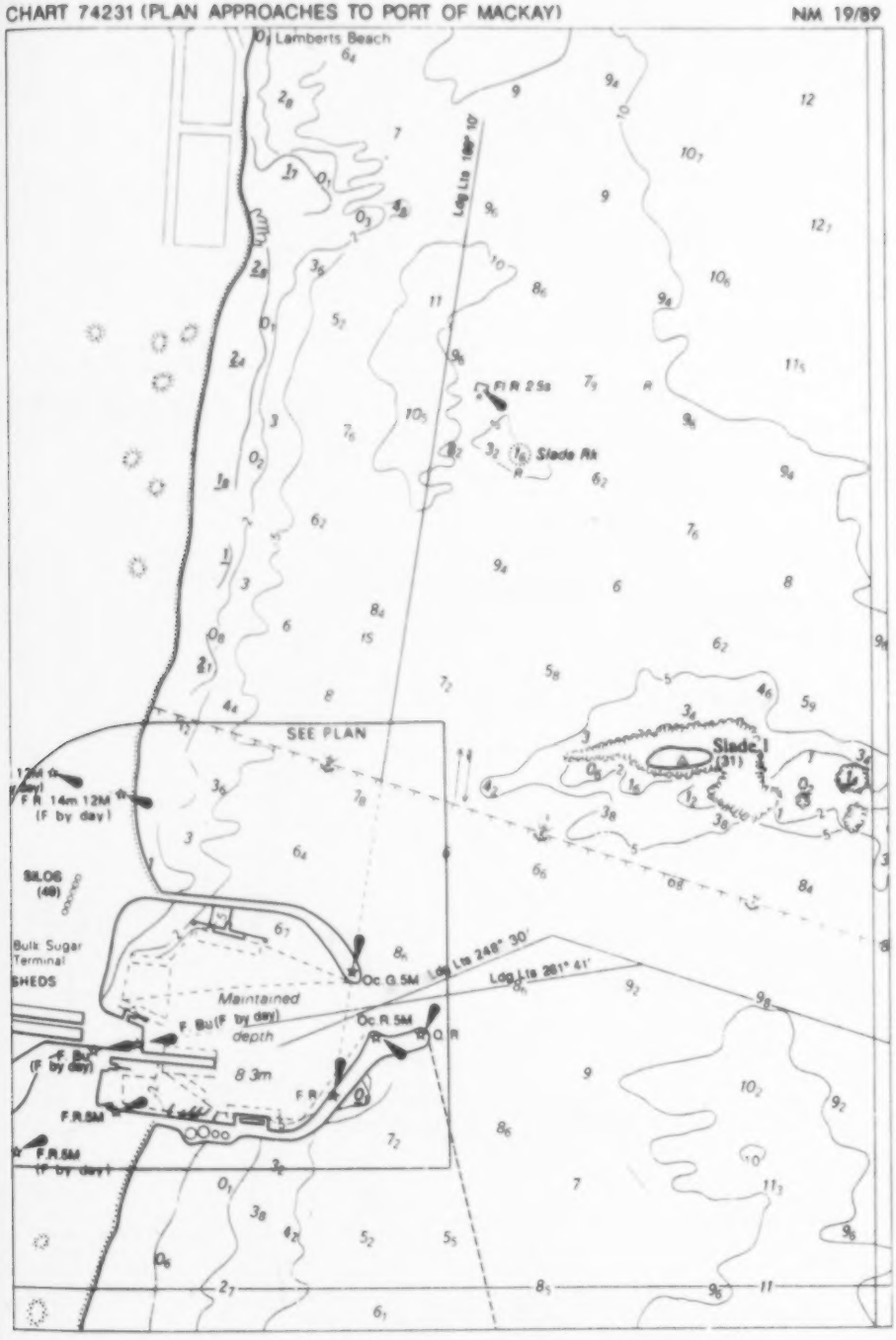
NM 31/84

NM 11/84

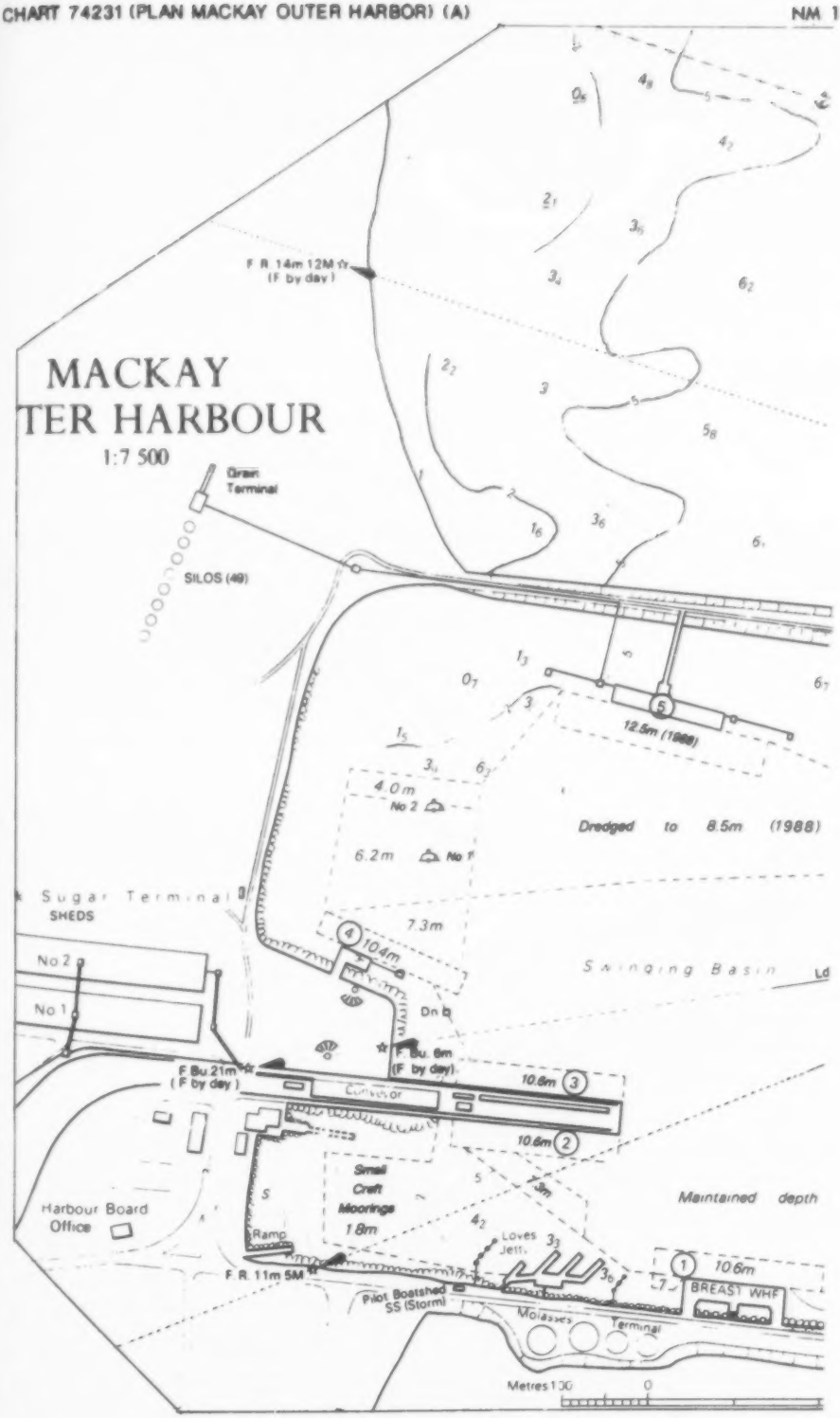




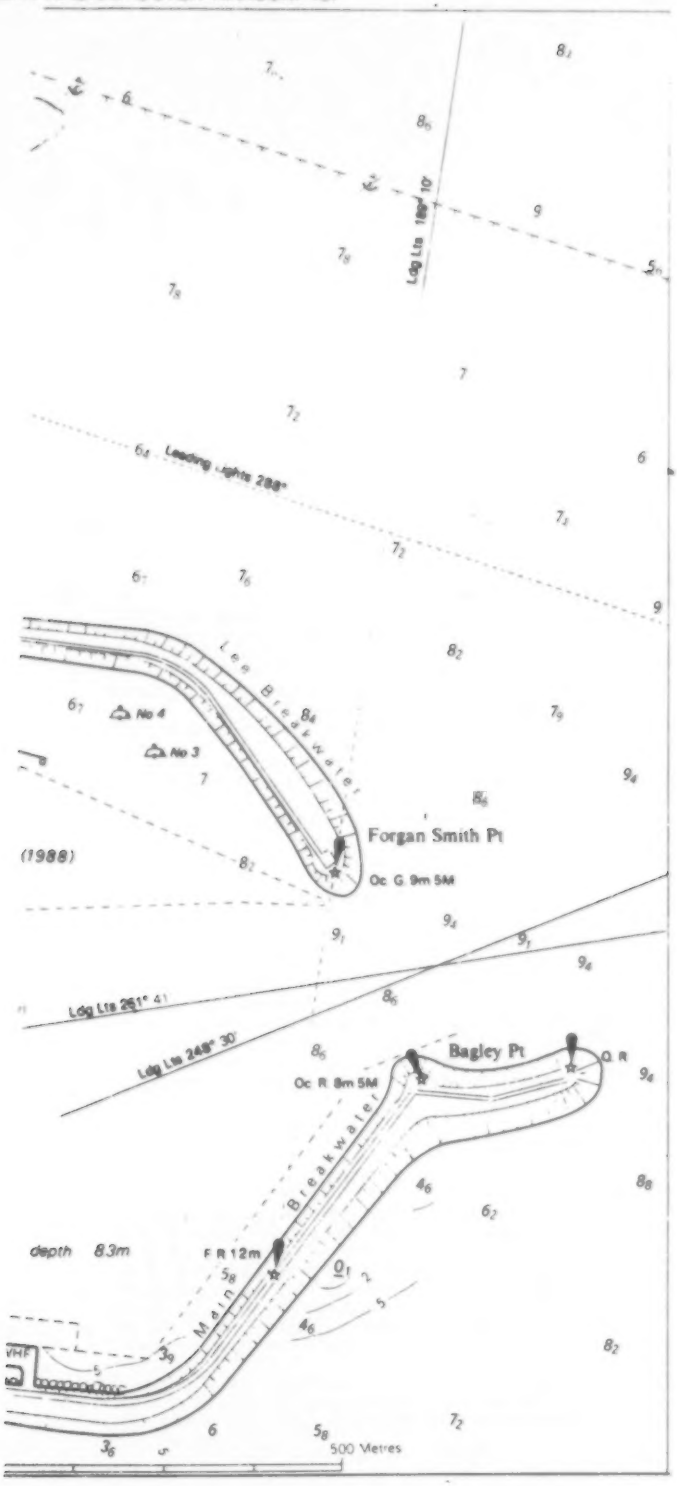
CHARTLETS DEPTH TABS AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

Chart 74272

NM 10/87

TWO-WAY ROUTE

1. The two-way route shown on this chart is not mandatory and it is not a traffic separation route. The International Regulations for Preventing Collisions at Sea 1972 apply equally to all vessels whether navigating inside or outside the two-way route.
2. The two-way route indicates the best route for vessels of moderate draught (up to nine metres) having regard to the charted depth and dangers. Larger vessels constrained by draught may be encountered in the two-way route and in its vicinity in certain areas.
3. In accordance with the Safety of Life at Sea convention 1974, all vessels should maintain a listening watch on VHF channel 16.
4. The symbol (⇦══⇨) indicates that traffic is free to move in both directions along the route.

Chart 74273

NM 10/87

TWO-WAY ROUTE

1. The two-way route shown on this chart is not mandatory and it is not a traffic separation route. The International Regulations for Preventing Collisions at Sea 1972 apply equally to all vessels whether navigating inside or outside the two-way route.
2. The two-way route indicates the best route for vessels of moderate draught (up to nine metres) having regard to the charted depth and dangers. Larger vessels constrained by draught may be encountered in the two-way route and in its vicinity in certain areas.
3. In accordance with the Safety of Life at Sea convention 1974, all vessels should maintain a listening watch on VHF channel 16.
4. The symbol (⇦══⇨) indicates that traffic is free to move in both directions along the route.

[redacted]

CHARTLETS
DEPTH TABS
AND NOTES

Chart 74281

NM 10/87

TWO-WAY ROUTE

1. The two-way route shown on this chart is not mandatory and it is not a traffic separation route. The International Regulations for Preventing Collisions at Sea 1972 apply equally to all vessels whether navigating inside or outside the two-way route.
2. The two-way route indicates the best route for vessels of moderate draught (up to nine metres) having regard to the charted depth and dangers. Larger vessels constrained by draught may be encountered in the two-way route and in its vicinity in certain areas.
3. In accordance with the Safety of Life at Sea convention 1974, all vessels should maintain a listening watch on VHF channel 16.
4. The symbol (⇦══⇨) indicates that traffic is free to move in both directions along the route.

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Chart 74283 NM 10/87

TWO-WAY ROUTE

1. The two-way route shown on this chart is not mandatory and it is not a traffic separation route. The International Regulations for Preventing Collisions at Sea 1972 apply equally to all vessels whether navigating inside or outside the two-way route.
2. The two-way route indicates the best route for vessels of moderate draught (up to nine metres) having regard to the charted depth and dangers. Larger vessels constrained by draught may be encountered in the two-way route and in its vicinity in certain areas.
3. In accordance with the Safety of Life at Sea convention 1974, all vessels should maintain a listening watch on VHF channel 16.
4. The symbol (⇦═══⇨) indicates that traffic is free to move in both directions along the route.

Chart 74294 NM 10/87

TWO-WAY ROUTE

1. The two-way route shown on this chart is not mandatory and it is not a traffic separation route. The International Regulations for Preventing Collisions at Sea 1972 apply equally to all vessels whether navigating inside or outside the two-way route.
2. The two-way route indicates the best route for vessels of moderate draught (up to nine metres) having regard to the charted depth and dangers. Larger vessels constrained by draught may be encountered in the two-way route and in its vicinity in certain areas.
3. In accordance with the Safety of Life at Sea convention 1974, all vessels should maintain a listening watch on VHF channel 16.
4. The symbol (⇦═══⇨) indicates that traffic is free to move in both directions along the route.

art 74292 NM 10/87

TWO-WAY ROUTE

The two-way route shown on this chart is not mandatory and it is not a traffic separation route. The International Regulations for Preventing Collisions at Sea 1972 apply equally to all vessels whether navigating inside or outside the two-way route.
The two-way route indicates the best route for vessels of moderate draught (up to nine metres) having regard to the charted depth and dangers. Larger vessels constrained by draught may be encountered in the two-way route and in its vicinity in certain areas.
In accordance with the Safety of Life at Sea convention 1974, all vessels should maintain a listening watch on VHF channel 16.
The symbol (⇦═══⇨) indicates that traffic is free to move in both directions along the route.

Chart 74295 NM 10/87

TWO-WAY ROUTE

1. The two-way route shown on this chart is not mandatory and it is not a traffic separation route. The International Regulations for Preventing Collisions at Sea 1972 apply equally to all vessels whether navigating inside or outside the two-way route.
2. The two-way route indicates the best route for vessels of moderate draught (up to nine metres) having regard to the charted depth and dangers. Larger vessels constrained by draught may be encountered in the two-way route and in its vicinity in certain areas.
3. In accordance with the Safety of Life at Sea convention 1974, all vessels should maintain a listening watch on VHF channel 16.
4. The symbol (⇦═══⇨) indicates that traffic is free to move in both directions along the route.

Chart 74296 NM 10/87

TWO-WAY ROUTE

1. The two-way route shown on this chart is not mandatory and it is not a traffic separation route. The International Regulations for Preventing Collisions at Sea 1972 apply equally to all vessels whether navigating inside or outside the two-way route.
2. The two-way route indicates the best route for vessels of moderate draught (up to nine metres) having regard to the charted depth and dangers. Larger vessels constrained by draught may be encountered in the two-way route and in its vicinity in certain areas.
3. In accordance with the Safety of Life at Sea convention 1974, all vessels should maintain a listening watch on VHF channel 16.
4. The symbol (⇦═══⇨) indicates that traffic is free to move in both directions along the route.

CHANGES IN BUOYAGE

From 1st January 1978 certain buoys and beacons within the area of this chart will be affected by the introduction of the IALA Maritime Buoyage System 'A'. For an explanation of this system see SECTION III of NM 39/77. Subsequent Notices to Mariners will be issued when information concerning the actual changes are received.

Chart 74391 NM 19/78

Chart 74460 NM 33/86

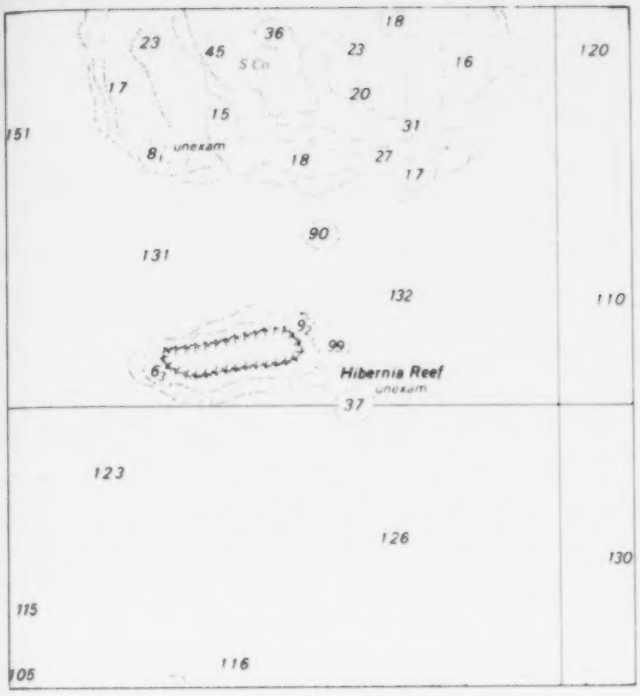

Chart 74491 NM 9/87

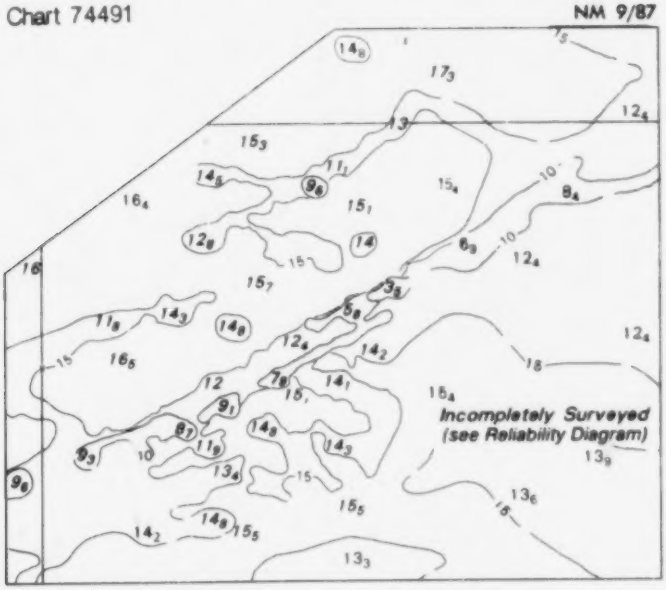

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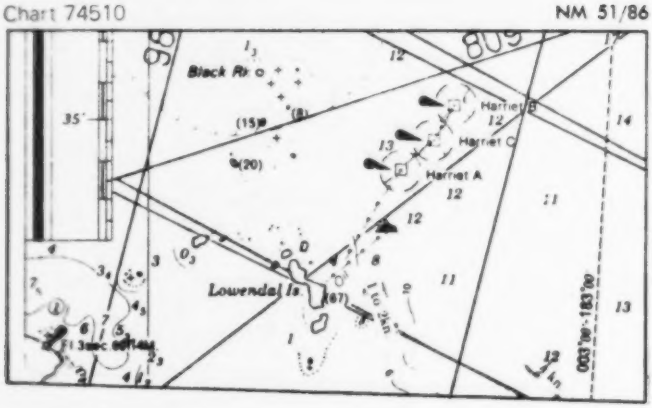
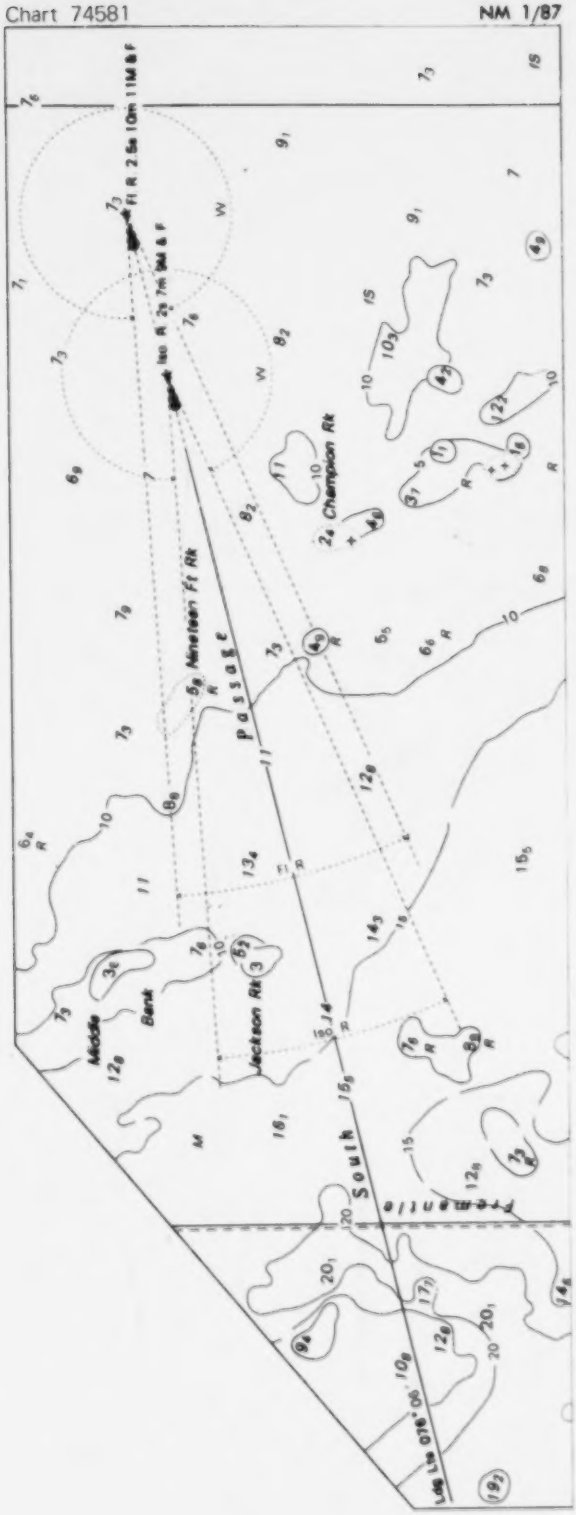
Chart 74510 NM 51/86



CHARTLETS
DEPTH TABS
AND NOTES



CHARTLETS
DEPTH TABS
AND NOTES

Chart 75025 NM 26/86

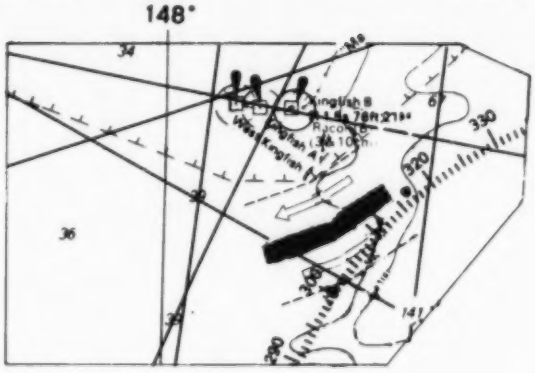


Chart 75035 NM 4/86

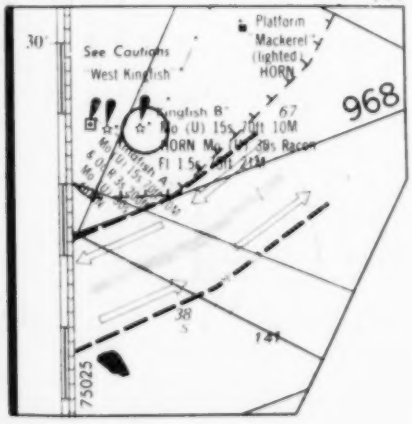


Chart 75035 NM 26/86

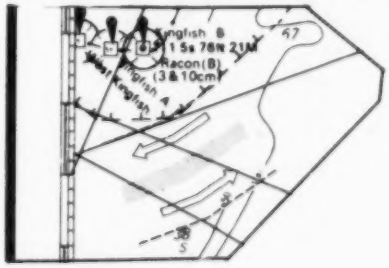


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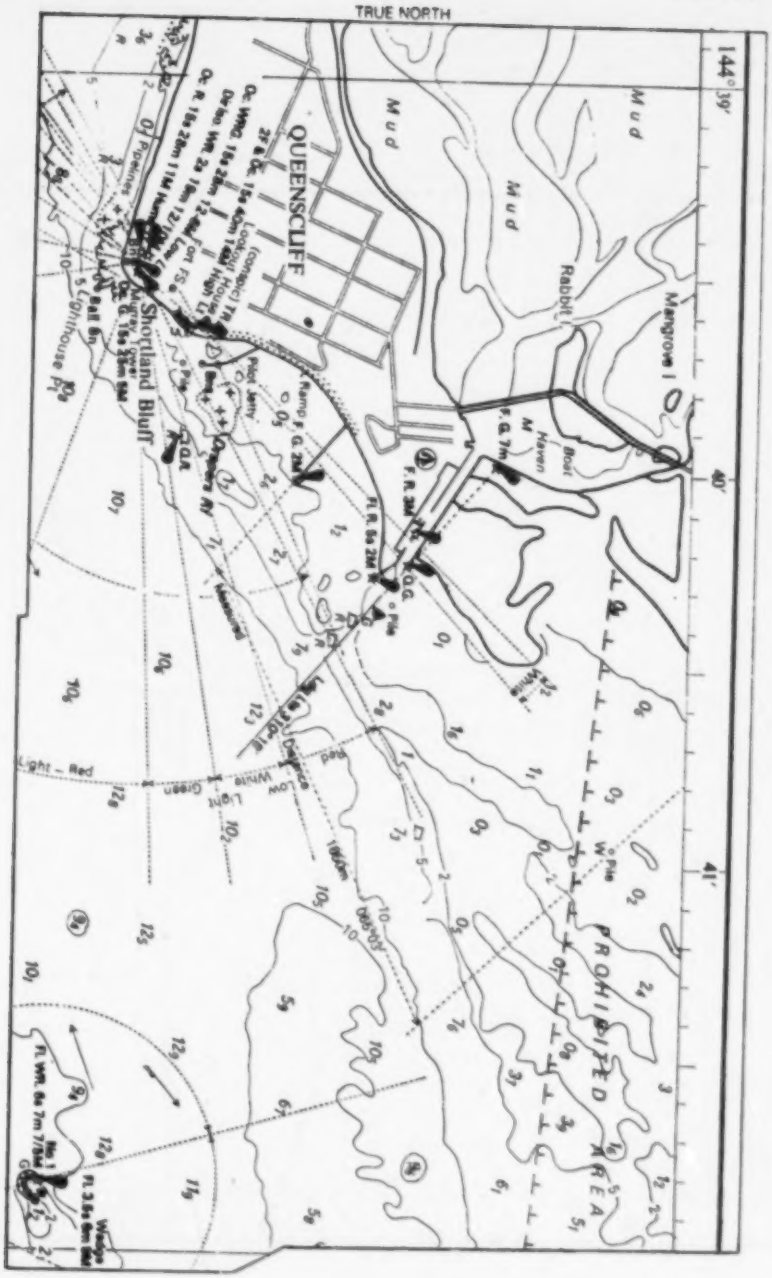
Chart 75171 (Plan)

NM 11/83



CHARTLETS
DEPTH TABS
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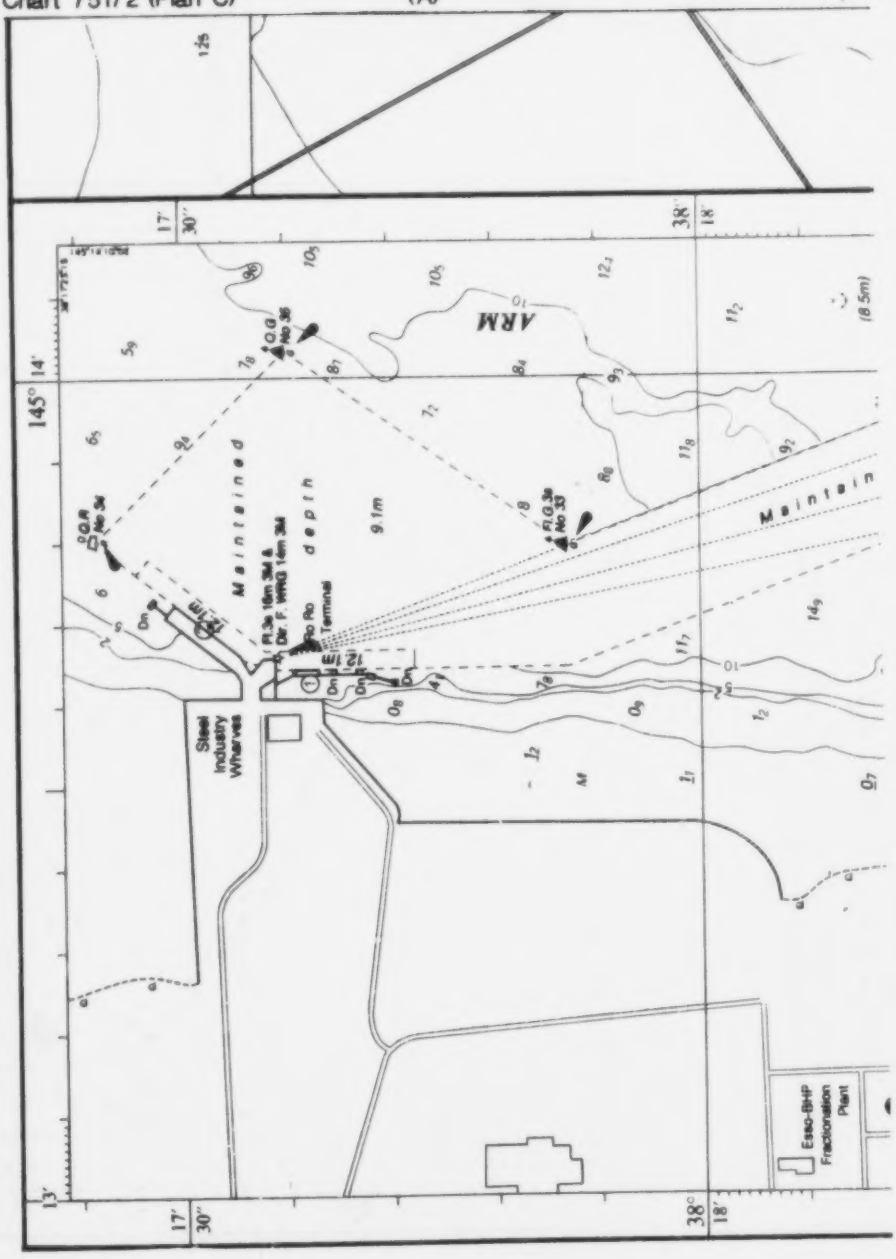

CHARTLETS
DEPTH TABS
AND NOTES

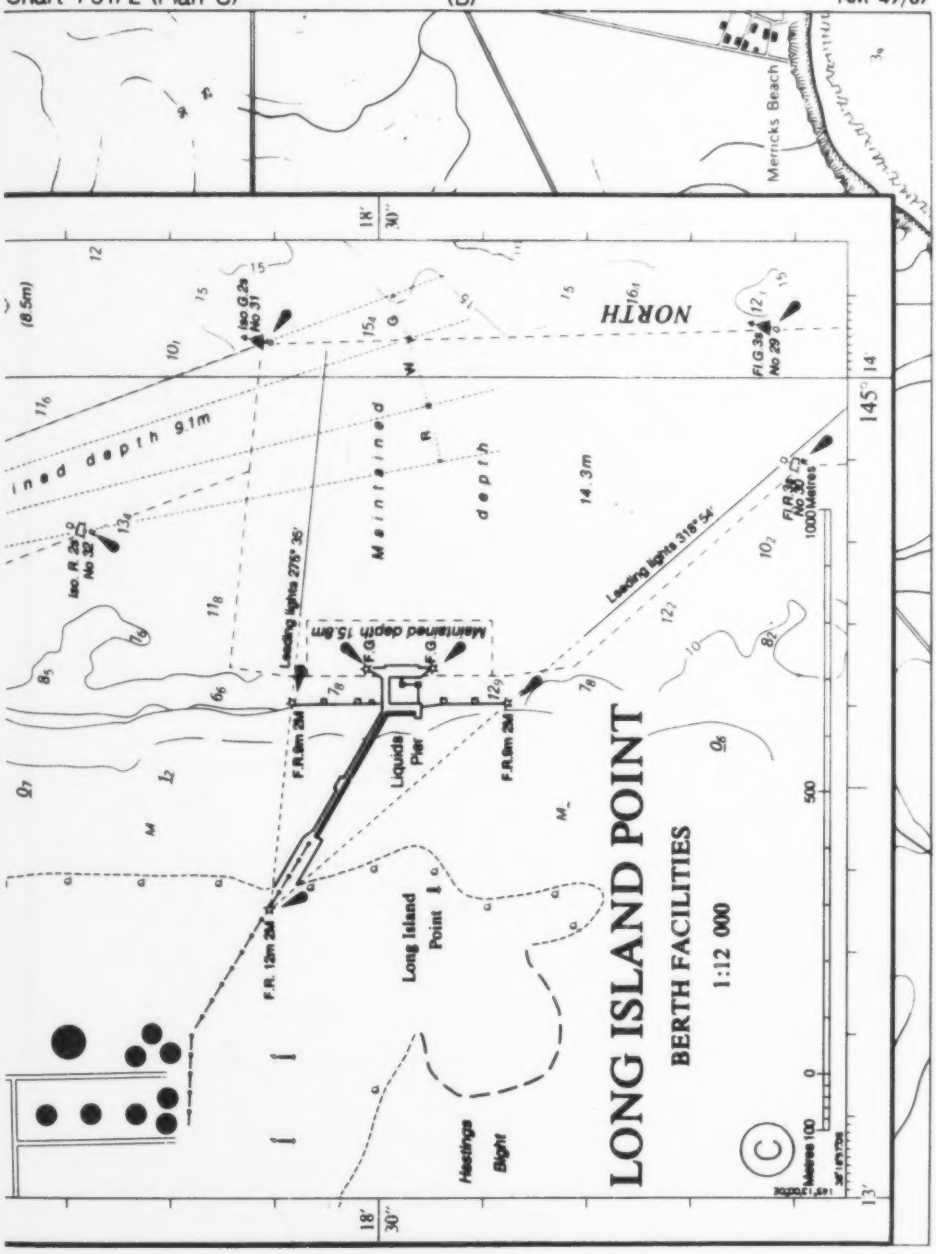

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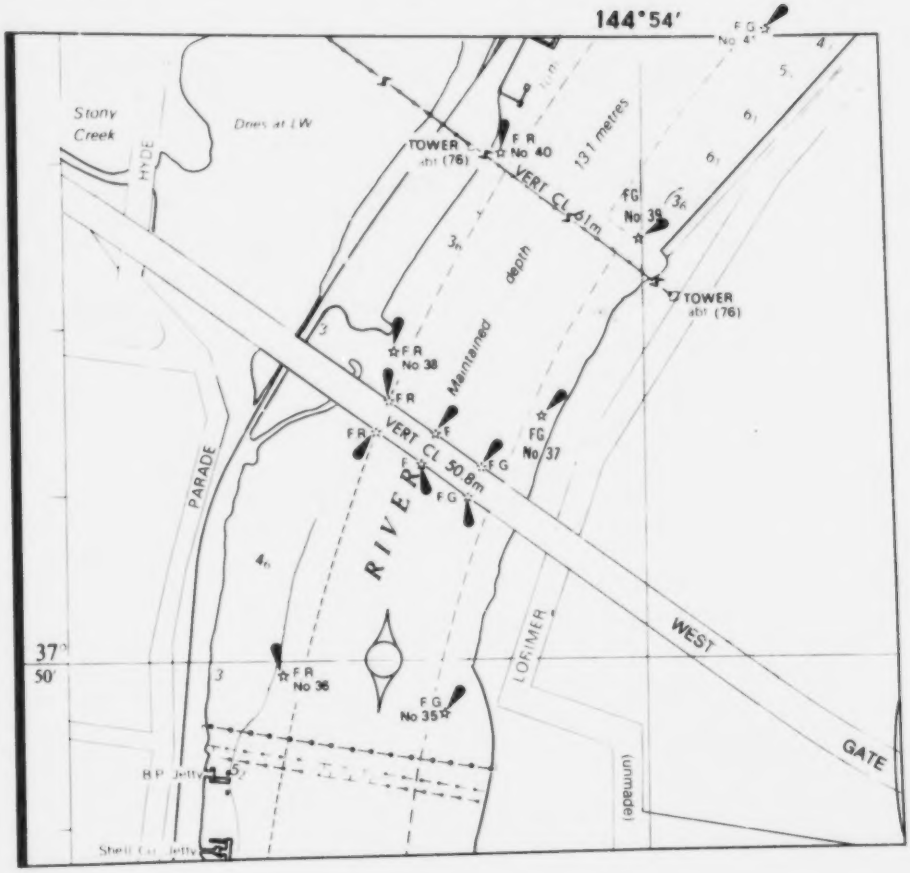
Chart 75175

NM 23/86



CHARTLETS DEPTH TABS AND NOTES

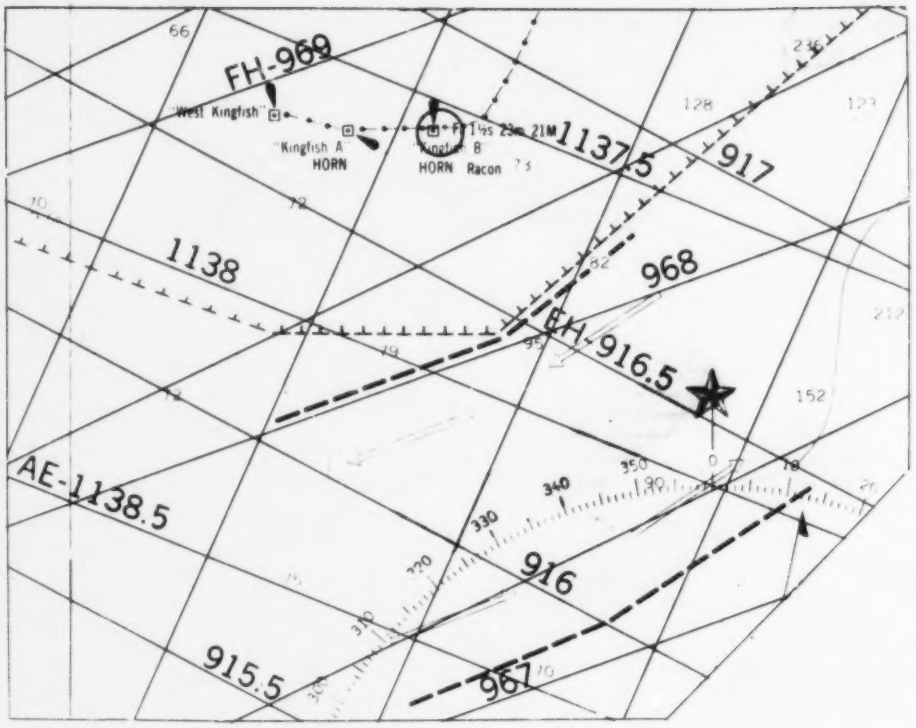


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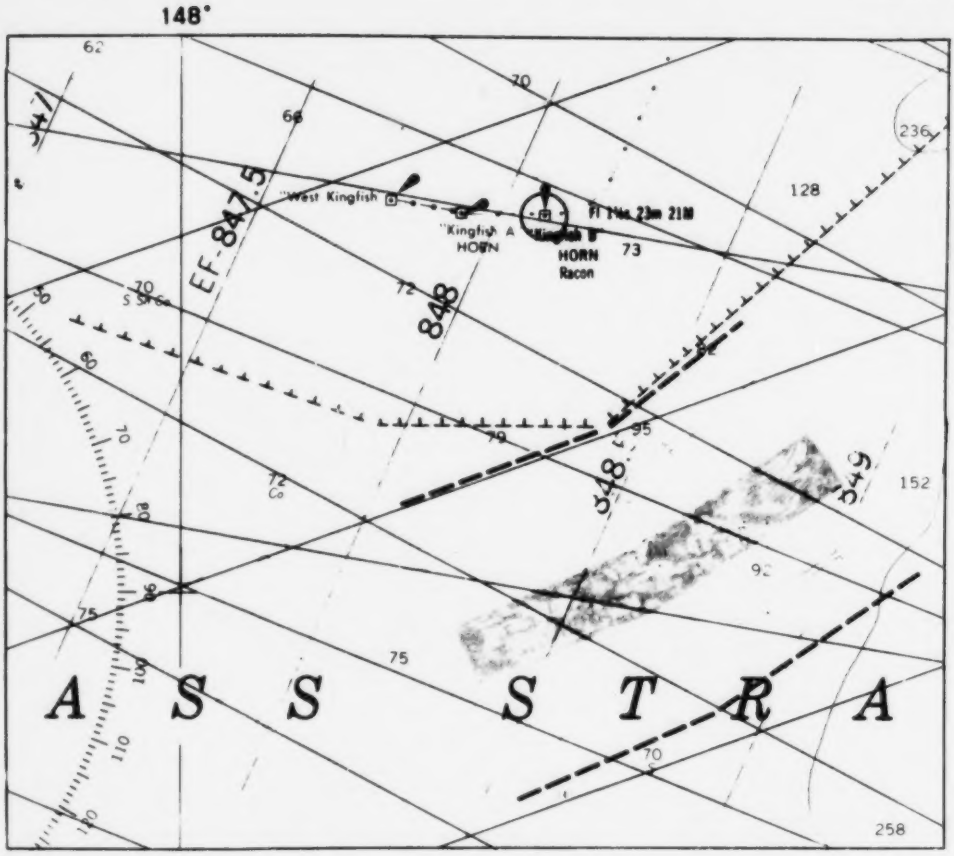
Chart 75240

NM 4/86



CHARTLETS
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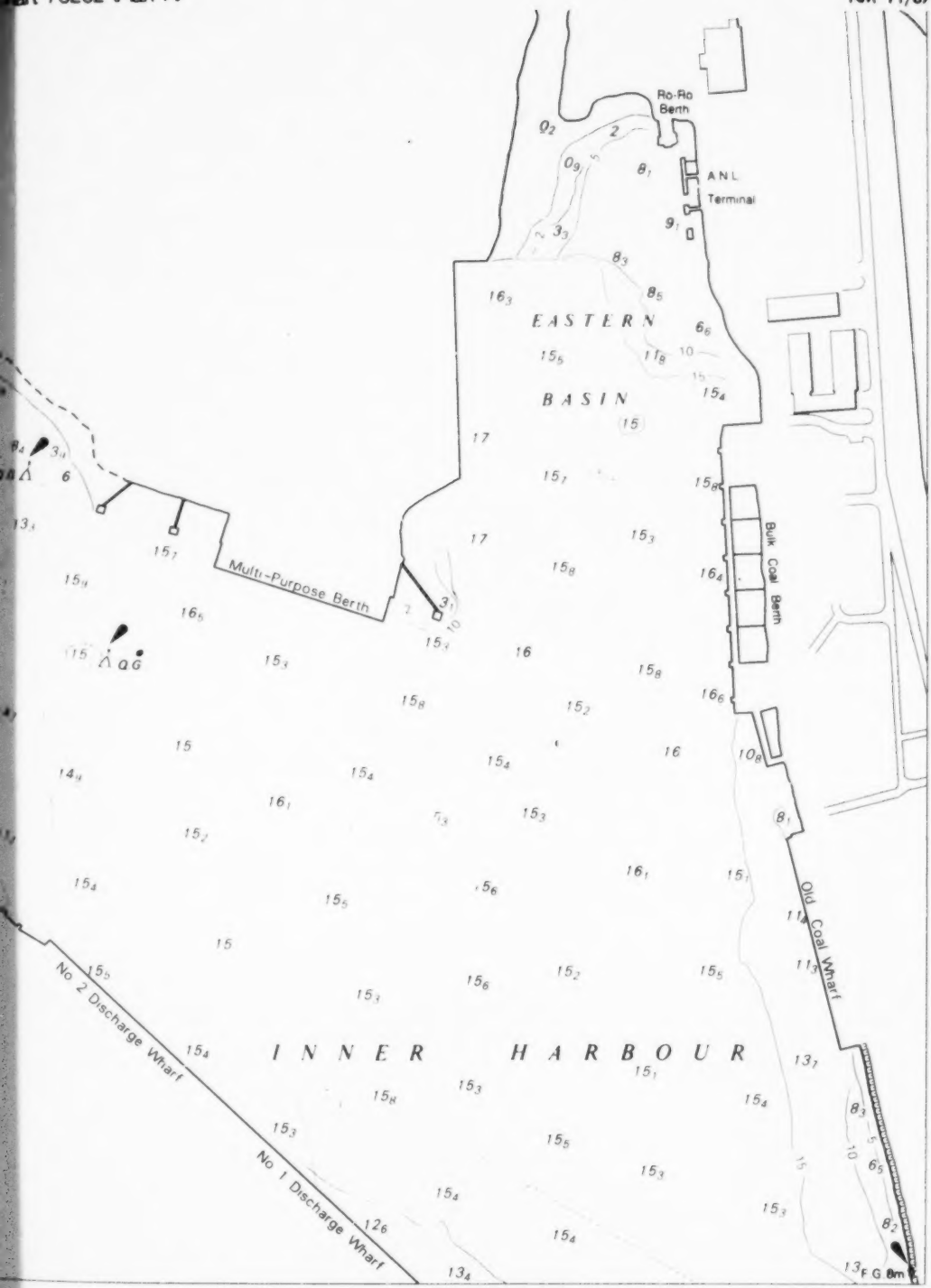
AND NOTES

Chart 75262

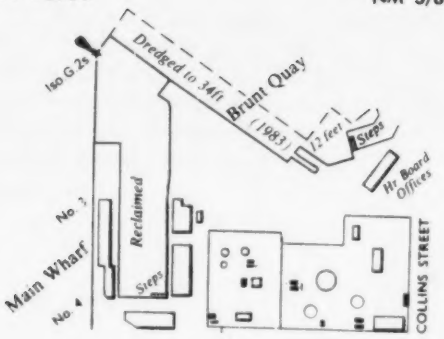
NM 11/87



CHARTLETS DEPTH TABS AND NOTES

Chart 76083

NM 5/87



CHARTLETS
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WARNING ON USE OF FLOATING AIDS TO NAVIGATION TO FIX A NAVIGATIONAL POSITION

The aids to navigation depicted on charts comprise a system consisting of fixed and floating aids with varying degrees of reliability. Therefore, prudent mariners will not rely solely on any single aid to navigation, particularly a floating aid.

The buoy symbol is used to indicate the approximate position of the buoy body and the sinker which secures the buoy to the seabed. The approximate position is used because of practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecisions in position fixing methods, prevailing atmospheric and sea conditions, the slope of and the material making up the seabed, the fact that buoys are moored to sinkers by varying lengths of chain, and the fact that buoy and/or sinker positions are not under continuous surveillance but are normally checked only during periodic maintenance visits which often occur more than a year apart. The position of the buoy body can be expected to shift inside and outside the charting symbol due to the forces of nature. The mariner is also cautioned that buoys are liable to be carried away, shifted, capsized, sunk, etc. Lighted buoys may be extinguished or sound signals may not function as the result of ice or other natural causes, collisions, or other accidents.

For the foregoing reasons, a prudent mariner must not rely completely upon the position or operation of floating aids to navigation, but will also utilize bearings from fixed objects and aids to navigation on shore. Further, a vessel attempting to pass close aboard always risks collision with a yawing buoy or with the obstruction the buoy marks.

(MCNM8032/87)